

File No. 260443

Committee Item No. 6

Board Item No. 17

COMMITTEE/BOARD OF SUPERVISORS

AGENDA PACKET CONTENTS LIST

Committee: Budget and Finance Committee Date May 27, 2026

Board of Supervisors Meeting Date June 2, 2026

Cmte Board

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OTHER (Use back side if additional space is needed)

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| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <u>PCS Approval 4/6/2026</u> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <u>PUC Resolution No. 24-0025 2/13/2024</u> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <u>PUC Resolution No. 26-0058 4/14/2026</u> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <u>PUC Presentation 5/27/2026</u> |
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Completed by: Brent Jalipa Date May 21, 2026

Completed by: Brent Jalipa Date May 28, 2026

1 [Agreement Amendment - LEE + RO and AGS Joint Venture - Emergency Firefighting Water
2 System and City’s Water Distribution System - Not to Exceed \$13,000,000]

3 **Resolution approving and authorizing the General Manager of the San Francisco Public**
4 **Utilities Commission to execute Amendment No. 1 to Contract No. PRO.0163(R),**
5 **Engineering Services for the Emergency Firefighting Water System and City’s Water**
6 **Distribution System, with LEE + RO and AGS Joint Venture, increasing the contract**
7 **amount by \$5,000,000 for a total not to exceed contract amount of \$13,000,000 with no**
8 **change to the contract duration of June 28, 2024, through June 27, 2032, to provide**
9 **additional engineering design and support for pipeline improvement projects, pursuant**
10 **to Charter, Section 9.118.**

11
12 WHEREAS, The San Francisco Public Utilities Commission (SFPUC) Water Enterprise
13 Local Water System Capital Improvement Program (Local Water CIP) is a 10-year plan of
14 scheduled projects to improve system assets and maintain level of service goals; and

15 WHEREAS, The SFPUC updates the Local Water CIP each year for integration with
16 the SFPUC’s Financial Plan and rate-setting and the Local Water CIP funds improvements to
17 San Francisco’s drinking water pipelines under the Local Water Conveyance/Distribution
18 System program, also known as Linear Asset Management Program (LAMP); and

19 WHEREAS, The Local Water CIP also funds, along with the Earthquake Safety and
20 Emergency Response bond series, improvements to the City’s Emergency Firefighting Water
21 System; and

22 WHEREAS, LAMP replaces and renews feeder and distribution mains for the 1,230
23 miles of pipe in San Francisco’s drinking water distribution system; and

24 WHEREAS, The SFPUC’s goal is to replace approximately 10 to 15 miles of pipe per
25 year depending on funding availability and improvements include replacement, rehabilitation,

1 relining, seismic resiliency, and cathodic protection of all pipe size categories to extend or
2 renew pipeline useful life; and

3 WHEREAS, The City's Emergency Firefighting Water System (EFWS) is a complex
4 network of reservoirs, tanks, pipelines, cisterns, pump stations, fireboats and their related
5 manifolds to provide the San Francisco Fire Department with water availability to fight large
6 fires and fires following large seismic events when the domestic water system may be
7 impacted; and

8 WHEREAS, On February 13, 2024, by Resolution No. 24-0025, the SFPUC
9 Commission awarded Contract No. PRO.0163(R), Engineering Services for the Emergency
10 Firefighting Water System and City's Water Distribution System, to LEE + RO and AGS Joint
11 Venture, for an amount not to exceed \$8,000,000 and with a contract duration of eight years;
12 and

13 WHEREAS, The original amount of this contract was based on the project budgets
14 included in the 10-Year Water Enterprise Capital Plan for Fiscal Years 2019-2028 that was
15 approved in February 2018; and

16 WHEREAS, Since its initiation, this contract has primarily supported four main efforts:
17 1) system performance evaluation of EFWS; 2) planning for Central Pump Station; 3) planning
18 and design for EFWS Pipeline Contracts A and B; and 4) support for various LAMP Projects;
19 and

20 WHEREAS, During the planning and design phases of the EFWS projects, several
21 factors necessitated the budget increase, including a higher seismic level of service,
22 alignment changes to improve system robustness, unforeseen geotechnical complexities, and
23 evaluations for potential cost reductions due to market conditions; and

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25

1 WHEREAS, The updated forecasted pre-construction and construction costs are
2 reflected in the most recently adopted 10-Year Capital Improvement Plan for Fiscal Years
3 2027-2036; and

4 WHEREAS, The SFPUC is seeking approval of Amendment No.1 to Contract
5 PRO.0163(R), to provide additional contracting capacity for engineering support services to
6 complete the planning and final design for EFWS Pipeline contracts A through C, and to
7 support ongoing LAMP projects; and

8 WHEREAS, The contract work provided by the consultant is part of the planning and
9 engineering services under the direction of the SFPUC Engineering Management Bureau; and

10 WHEREAS, Funds will come from individual projects, either within the Water Enterprise
11 Local Water Capital Improvement Program and/or Earthquake Safety and Emergency
12 Response bonds, for Emergency Firefighting Water System projects; and

13 WHEREAS, The Contract Monitoring Division (CMD) established a 10% Local
14 Business Enterprise (LBE) subcontracting requirement for this contract and the contractor
15 remains committed to a 10% LBE subcontractor participation; and

16 WHEREAS, This action does not constitute a project under the California
17 Environmental Quality Act (CEQA) Guidelines, Section 15378, because work will consist of
18 engineering design and support services only, and no support services during construction
19 and closeout will be initiated until any necessary environmental review has been completed as
20 required by the CEQA and the SFPUC Commission has reviewed and considered the CEQA
21 determination and approved the projects; and

22 WHEREAS, Charter, Section 9.118(b), requires Board of Supervisors' approval by
23 Resolution of any contract which, when entered into, extends over 10 years, and of any
24 contract which, when entered into, costs the City \$10,000,000 or more; and

25

1 WHEREAS, The Original Agreement is on file with the Clerk of the Board of
2 Supervisors in File No. 260443, which is hereby declared to be a part of this Resolution as if
3 set forth fully herein; and

4 WHEREAS, The Amendment is consistent with the Civil Service Commission's
5 approval obtained on April 6, 2026, under Personal Service Contract No. DHRPSC0006067;
6 and

7 WHEREAS, On April 14, 2026, by Resolution No. 26-0058, the SFPUC Commission
8 authorized the General Manager of the SFPUC to execute Amendment No. 1 to Contract No.
9 PRO.0163(R), Engineering Services for the Emergency Firefighting Water System and City's
10 Water Distribution System, with LEE + RO and AGS Joint Venture, increasing the contract
11 amount by \$5,000,000 for a total not to exceed contract amount of \$13,000,000 with no
12 change to the contract duration of June 28, 2024, through June 27, 2032, to provide additional
13 engineering design and support for pipeline improvement projects, subject to Board of
14 Supervisors' approval pursuant to Charter, Section 9.118; now, therefore, be it

15 RESOLVED, That the Board of Supervisors hereby approves the Amendment in
16 substantially the form contained in File No. 260443; and, be it

17 FURTHER RESOLVED, That the Board of Supervisors hereby authorizes the General
18 Manager of the SFPUC to execute Amendment No. 1 to Contract No. PRO.0163(R) with LEE
19 + RO and AGS Joint Venture, increasing the contract amount by \$5,000,000 for a total not to
20 exceed contract amount of \$13,000,000 with no change to the contract duration; and, be it

21 FURTHER RESOLVED, That the Board of Supervisors authorizes SFPUC to make any
22 modifications to the Amendment, prior to its final execution by all parties, that the SFPUC
23 determines, in consultation with the City Attorney, are consistent with this Resolution, in the
24 best interest of the City, do not materially increase the obligations or liabilities of the City, are
25

1 necessary or advisable to effectuate the purposes of the Amendment, and are in compliance
2 with all applicable laws, including City's Charter; and, be it

3 FURTHER RESOLVED, That within 30 days of Amendment No. 1 being fully executed
4 by all parties, the SFPUC shall provide the signed revised contracts to the Clerk of the Board
5 for inclusion in the official file; this requirement and obligation reside with the SFPUC and is
6 for purposes of having a complete file only, and in no manner affects the validity of approved
7 Amendment.

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Item 6 File 26-0443	Department: Public Utilities Commission (SFPUC)
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EXECUTIVE SUMMARY

Legislative Objectives

- The proposed resolution approves the first amendment to a professional services contract between the San Francisco Public Utilities Commission (SFPUC) and LEE + RO and AGS Joint Venture for engineering support services for the Emergency Firefighting Water System (EFWS) and the City’s Water Distribution System, to increase the not to exceed amount by \$5,000,000 for a total not-to-exceed amount of \$13,000,000, with no changes to the eight-year term from June 28, 2024, through June 27, 2032.

Key Points

- The SFPUC is expanding the City’s Emergency Firefighting Water System (EFWS), a dedicated high pressure fire suppression system to fight large fires following an earthquake, on the westside of the City. In addition, the SFPUC is making improvements to San Francisco’s drinking water pipelines through the Local Water Conveyance/Distribution System program, also known as the Linear Asset Management Program (LAMP).
- The SFPUC selected LEE + RO and AGS Joint Venture to provide engineering support for the projects, through a competitive solicitation process. LEE + RO and AGS Joint Venture was the only responsive proposer to the Request for Proposals.
- In FY 2024-25, SFPUC determined the joint venture largely met performance expectations, particularly those related to service quality, cost and scope management, and value but noted that there is room for improvement in coordination with subconsultants and timeliness of invoicing and proposals.

Fiscal Impact

- The proposed resolution would increase the contract amount by \$5.0 million to provide \$2.3 million in funding for new projects to improve drinking water pipelines not previously funded and to fund budget increases for Emergency Firefighting Water System projects due to the need for a greater seismic level of service, route adjustments to strengthen system reliability, unexpected geotechnical challenges, and reviews of potential cost-saving options in response to market conditions.
- The contract will be funded by the projects’ budgets within SFPUC’s Water Enterprise Local Water System Capital Improvement Program (Local Water CIP), and/or Earthquake Safety and Emergency Response (ESER) bonds for Emergency Firefighting Water System projects.

Recommendation

- Approve the proposed resolution.

MANDATE STATEMENT

City Charter Section 9.118(b) states that any contract entered into by a department, board, or commission that (1) has a term of more than ten years, (2) requires expenditures of \$10 million or more, or (3) requires a modification of more than \$500,000, is subject to Board of Supervisors approval.

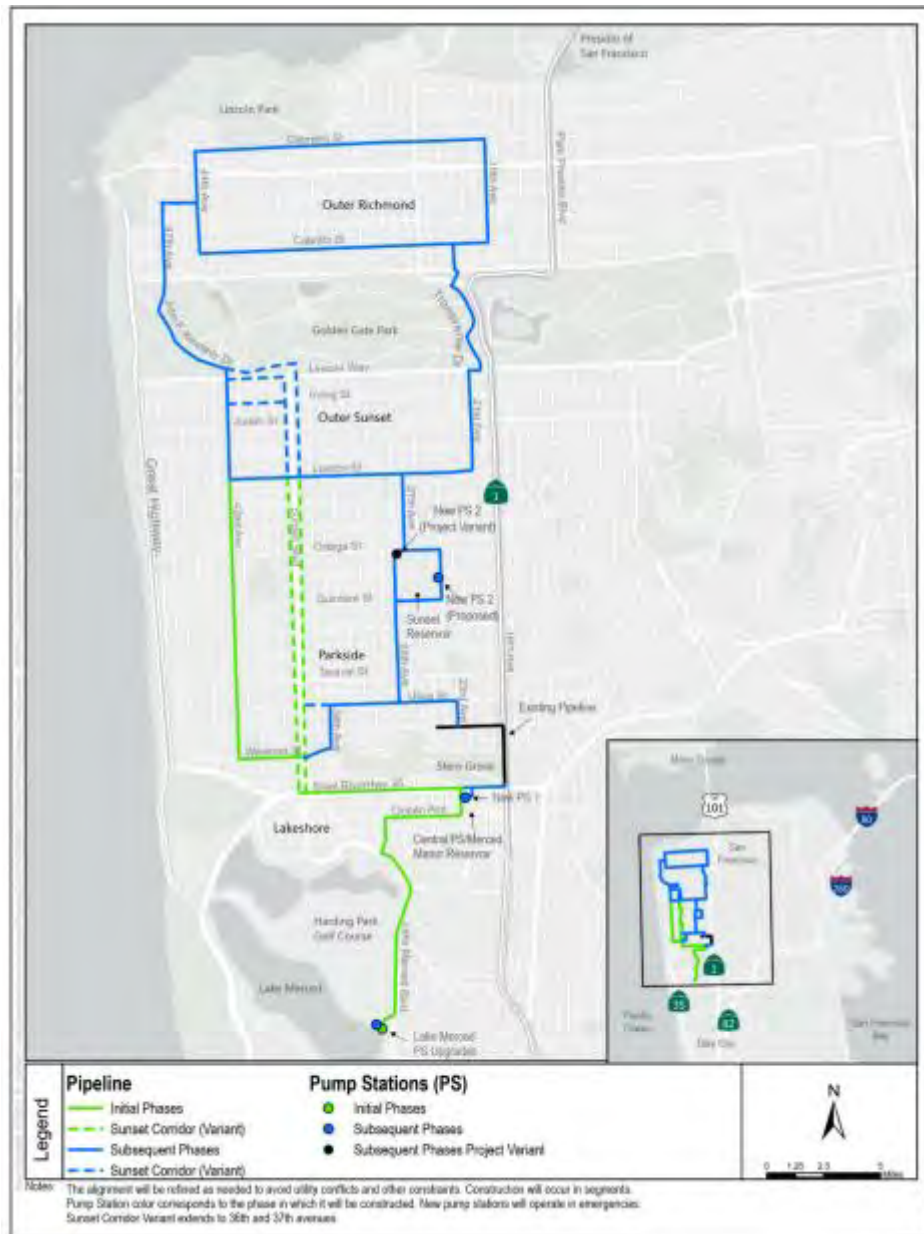
BACKGROUND

The Potable Emergency Firefighting Water System (PEFWS)

The City’s Emergency Firefighting Water System (EFWS) is a dedicated high pressure fire suppression system to fight large fires and fires following an earthquake. The EFWS consists of roughly 130 miles of pipelines, 229 cisterns, seawater pump stations, fireboat manifolds, and storage assets that collectively provide unique, redundant fire suppression capability for the City. However, system coverage remains insufficient in large portions of the westside and southern neighborhoods, including the Sunset, Richmond, Excelsior, Visitacion Valley, and Bayview.

To address these deficiencies and improve fire suppression coverage, the San Francisco Public Utilities Commission (SFPUC) is undertaking a multiphase expansion of the system in the westside of the City, named the Potable Emergency Firefighting Water System (PEFWS). The PEFWS provides dual use potable water and high-pressure fire suppression capacity, designed to meet firefighting demand following a scenario earthquake of magnitude 8.05 and supply drinking water to the west side during non-fire situations. Development of the PEFWS now consists of seven major pipeline contracts (A–G) and separate pump station and fireboat manifold projects. Exhibit 1 shows the conceptual plan for the project.

Exhibit 1: Revised Potable Emergency Firefighting Water System Conceptual Plan



Source: SFPUC. SFPUC notes that the alignment is subject to change.

Linear Asset Management Program (LAMP)

The Local Water Conveyance/Distribution System program, also known as the Linear Asset Management Program (LAMP), is funded by the San Francisco Public Utilities Commission (SFPUC) Water Enterprise Local Water System Capital Improvement Program (Local Water CIP) to make improvements to San Francisco’s drinking water pipelines. The SFPUC aims to replace 10 to 15 miles of pipe per year subject to funding availability. The Local Water CIP is a ten-year schedule of projects designed to upgrade system assets and support service level goals.

Engineering Services Contract

Contract No. PRO.0163(R), Engineering Services for the EFWS and the City's Water Distribution System, awarded by the SFPUC Commission in February 2024, provides engineering design and technical support for these pipeline improvements. Since its initiation, this contract has primarily supported four main efforts: 1) system performance evaluation of EFWS; 2) planning for EFWS Central Pump Station; 3) planning and design for EFWS Pipeline Contracts A and B; and 4) support for various LAMP Projects.

The contract was originally authorized for a not to exceed amount of \$8,000,000 and with a contract duration of eight years from June 28, 2024 to June 27, 2032. Additional engineering scope is now required to support ongoing design refinement, expanded project requirements, and coordination for PEFWS pipeline segments and associated system upgrades.

Procurement

The SFPUC issued a Request for Proposals for Engineering Services for the Emergency Firefighting Water System (EFWS) and the City's Water Distribution System in April 2022 but did not receive any responses. After conducting outreach, the SFPUC learned that firms were deterred primarily by concerns about liability risk and difficulty meeting certain minimum qualifications, particularly the experience requirements. In response, the SFPUC revised the subconsultant qualification requirements and added more detail to project descriptions and re-advertised the solicitation in July 2023. According to SFPUC staff, key changes to the solicitation included lowering minimum experience requirements and reducing the commitment percentage for the on-site mechanical engineer; adding a Lead Team Member role; increasing the maximum billing rate for Lead Team Members; modifying qualifications to rely on clearer, more quantifiable parameters; and introducing a general aggregate limitation for professional liability insurance. LEE + RO and AGS Joint Venture was the only respondent to the solicitation. The proposal was scored based on their technical written proposal (695 points), diversity, equity, and inclusion (DEI) submittal (5 points), and optional social impact partnership (SIP) proposal (50 points), for a total maximum score of 750 points. The proposal received a score of 633 points out of 750 points possible.

DETAILS OF PROPOSED LEGISLATION

The proposed resolution approves and authorizes the General Manager of the San Francisco Public Utilities Commission to execute Amendment No. 1 to Contract No. PRO.0163(R), Engineering Services for the Emergency Firefighting Water System (EFWS) and the City's Water Distribution System, with LEE + RO and AGS Joint Venture. Amendment No. 1 increases the contract amount by \$5,000,000, raising the total not to exceed value from \$8,000,000 to \$13,000,000, while making no changes to the contract term of June 28, 2024, through June 27, 2032.

Services and Resources

The additional funding would provide expanded engineering services that support ongoing Emergency Firefighting Water System and Potable Emergency Firefighting Water System pipeline improvements. These services include additional design refinement, hydraulic modeling,

geotechnical analysis, corrosion protection engineering, and engineering support during construction as several pipeline segments advance toward bid and award.

During the EFWS planning and design phases, several issues drove the budget higher, including the need for a greater seismic level of service, route adjustments to strengthen system reliability, unexpected geotechnical challenges, and reviews of potential cost-saving options in response to market conditions.

Subcontractors and Local Business Enterprise Requirements

Approximately 21 percent of the work would be performed by subcontractors, including 10 percent by Local Business Enterprises (LBEs) and 11 percent by non-LBE firms. The RFP required at least 10 percent LBE participation. The contractor committed to 10 percent. Planned LBE subconsultants are detailed in Exhibit 2.

Exhibit 2: Local Business Enterprise Subconsultants, Tasks, and Estimated Participation

LBE Firm	Service	Estimated Participation
Saylor Consulting Group	Cost Estimating	2.0%
Meridian Surveying Engineering Inc.	Survey	2.0
RES Engineers, Inc.	Materials Testing	2.0
Joe Hill Consulting & Engineering Corporation	Standard Operating Procedures	4.0
Total		10.0%

Source: SFPUC Memo, Proposed Amendment, March 2026.

Planned non-LBE firms are shown in Exhibit 3. These firms chose to be subconsultants rather than submit their own proposals in response to the RFP.

Exhibit 3: Non-LBE Subconsultants, Tasks, and Estimated Participation

Firm	Service	Projected Participation
CHS Consulting Group	Traffic Control	1.0%
Delve Underground	Tunnel Design	3.0
Exaro	Utilities Investigation	1.0
Towill, Inc.	Right of Way and Photogrammetry	1.0
V&A Consulting Engineers, Inc.	Corrosion Engineering	1.0
Charles Scawthorn	Technical Advisor (Risk Analysis)	2.0
Scott Foster Engineering	Surge Analysis	1.0
Tom O'Rourke	Technical Advisor (Seismic Resiliency)	1.0
Total		11.0%

Source: Appendix B, Contract No. PRO.0163(R), SFPUC.

Social Impact Partnership (SIP)

The Firm is obligated to deliver the Social Impact Partnership (SIP) Commitments, a deliverable, listed in Exhibit 4 below, to the communities that intend to benefit in a transparent and accountable manner. As detailed in Amendment No. 1, the Firm will provide \$24,375 in direct financial contributions and \$60,937 in volunteer hours, a 62.5 percent increase from the original combined total SIP Commitment of \$52,500. The Firm commits to providing the minimum total contribution of \$85,312 over the term of the agreement as stated in the Firm’s SIP Proposal Response Form and Exhibit 4 below. As of FY 2024-25, the firm has provided \$9,188 in benefits to Young Community Developers.

Exhibit 4. Amendment No. 1 Social Impact Partnership Commitments Table

SIP Program Area	Direct Financial Contributions	Volunteer Hours	Volunteer Hour (Fixed rate \$150)	Value of Volunteer Hours	Total Contribution
Public Education	\$24,375	406.25	\$150	\$60,937	\$85,312

Source: Amendment No. 1, Contract No. PRO.0163(R), SFPUC.

Performance Monitoring

SFPUC conducts annual performance evaluations of the contractor, consistent with department policy. The performance evaluation rates performance as “Excellent,” “Good,” “Fair,” or “Unsatisfactory” for various categories. In November 2025, SFPUC staff completed the performance evaluation of the joint venture for FY 2024-25. The joint venture received an overall rating of “Good” and ratings of “Good” for the following sub-categories: (1) Quality of Service; (2) Cost Management; (3) Scope Management; (4) Value of Services; (5) Administrative Functions. The joint venture received ratings of “Fair” for: (1) schedule management and (2) staff and resources. The evaluation noted that the engineering deliverables and analysis have been of high quality but there is room for improvement in coordination with subconsultants and timeliness of invoicing and proposals.

FISCAL IMPACT

Approval of Amendment No. 1 increases the not to exceed amount of Contract No. PRO.0163(R) to \$13,000,000, representing a \$5,000,000 increase over the original contract amount of \$8,000,000. All contract expenditures will continue to be funded through the San Francisco Public Utilities Commission’s Water Enterprise capital budget, supported by project budgets within the Water Enterprise Local Capital Improvement Program and/or Earthquake Safety and Emergency Response (ESER) bonds, for Emergency Firefighting Water System projects. Exhibit 5 below provides a breakdown of the contract budget.

Exhibit 5: Contract Budget

Project Name	Current Planned Budget	Proposed Increase	Total Proposed
EFWS Pipelines Contracts A through C	\$4,169,441	\$4,590,000	\$8,759,441
EFWS Pump Station(s) Central Pump Station	417,319	300,000	717,319
City’s Distribution System Active LAMP Projects (WD-2923, WD-2921, WD-2918, WD-2885)	802,345	400,000	1,202,345
City’s Distribution System Starting Calendar Year 2026 LAMP Projects (TBD)	0	2,300,000	2,300,000
Training Sessions	0	20,895	20,895
Unassigned	2,610,895	(2,610,895)	\$0
Total	\$8,000,000	\$5,000,000	\$13,000,000

Source: Amendment No. 1, Contract No. PRO.0163(R), SFPUC.

The increased amount includes \$2.3 million in funding for new LAMP projects and budget increases for existing projects. During the planning and design phases of the EFWS projects, several factors contributed to the overall budget increase for existing projects. First, the seismic performance criteria for the facility were upgraded to ensure the system can operate immediately following a major earthquake. The project team also made alignment changes to strengthen system robustness, including relocating the pipeline from 42nd Avenue to 37th Avenue to support the Fire Department's firebreak concept for emergency operations, as well as adjusting the route from the Central Pump Station to Sunset Boulevard via Sloat Boulevard. In addition, site-specific investigations near Lake Merced revealed more extensive geotechnical hazards than initially anticipated, such as permanent ground deformation, requiring the development of additional mitigation measures. Finally, in response to rising material costs, a milestone review panel recommended evaluating potential cost-reduction options, including assessing alternatives such as welded steel pipe versus ductile iron pipe.

To date, \$5,389,104 of the original total not-to-exceed amount of \$8,000,000 has been encumbered for 23,640 budgeted hours at a cost of approximately \$228 per hour. The remaining contract amount of \$2,610,895 is unencumbered.

Labor Rates

Per the terms of the contract, the Effective Overhead and Profit Rate may not exceed 3.20, and the billing rates range from \$77 to \$300 per hour. The Firm is only allowed to escalate billing rates based on the annual change of the Consumer Price Index (CPI) for the San Francisco Bay Area for Urban Wage Earners and Clerical Workers. No increases are permitted to billing rates exceeding \$300 per hour unless the SFPUC Bureau Manager and Contract Manager authorize the increase in writing.

RECOMMENDATION

Approve the proposed resolution.

P-650 INSTRUCTIONS

1. **When to use the P-650:** This template is designed for the amendment of a P-600 or other P-6XX series template. Although this P-650 can be used to modify any P-6XX series contract, you must confirm that the numbering is correct and does not result in inconsistency. For older clauses, section numbers are in green to flag the issue. **If you are modifying a P-5XX series template, use the P-550.**
2. **Who must sign:** This Amendment must be executed on behalf of each entity that signed the original Agreement.
3. **Updated contract sections:** In April 2019, the P-600 was updated substantially. See Purchaser's memo of April 2019 for further detail. Some minor updates were also made in November 2020. In November 2023, updates were made relating to nonprofit compliance and removing Covid related vaccination requirements. March 2024 began minor updates relating to the metamorphosis of some Administrative Code Chapters into Labor and Employment Code Articles. The January 2026 renovations include new data protection language, ADA related information, Artificial Intelligence usage parameters, and legislative changes that reduce obligations for contractors enacted in late 2025 (the "Open for Business Streamlining Contract Act of 2025").
4. **How to show updated contract sections:** In Article 1, Article 2, and Article 3, you will set forth the section or subsection of the contract (either in the original or as previously amended) to be modified.
5. **Other things to consider:**
 - a. In complicated amendments, running a compare function from the original contract to the current version of the P-600 is advised to fully understand the scope of changes.
 - b. Confirm no new Administrative Code provisions are required if increases in compensation surpass monetary thresholds.
 - c. Review the entire original Agreement to confirm that changing something in one section does not result in an inconsistency elsewhere.
 - d. Complete or confirm all **Green** fields.
 - e. Reserve sections based on instructions in this document. Replace headings with "reserved."
 - f. If a link is not accessible, contact OCA@sfgov.org.
 - g. Track **all** Changes.
 - h. Have your Deputy City Attorney review the proposed redlined amendment before sending to the Contractor.
 - i. MOST IMPORTANTLY, **DELETE ALL RED INSTRUCTIONS** AND **MAKE SURE TO CHANGE THE GREEN FIELDS TO BLACK FONT COLOR** BEFORE SENDING TO THE CONTRACTOR OR PUBLISHING THIS AGREEMENT WITH YOUR SOLICITATION.

**City and County of San Francisco
San Francisco Public Utilities Commission
525 Golden Gate Ave
San Francisco, CA 94102**

**First Amendment
PRO.0163(R)**

**Engineering Services for the Emergency Firefighting Water System and City's Water
Distribution System**

THIS **FIRST AMENDMENT** (“Amendment”) is made as of **[insert date]**, in San Francisco, California, by and between **LEE + RO and AGS Joint Venture** (“Contractor”), and the City and County of San Francisco, a municipal corporation (“City”).

Recitals

WHEREAS, City and Contractor have entered into the Agreement (as defined below); and

WHEREAS, City and Contractor desire to modify the Agreement on the terms and conditions set forth herein to increase the contract amount and update the Social Impact Partnership Commitment; and

WHEREAS, Contractor was competitively selected pursuant to a Request for Proposals entitled **Engineering Services for the Emergency Firefighting Water System and City's Water Distribution System** issued through PUC.PRO.0163(R) and this Amendment is consistent with the terms of the RFP and the awarded Contract; and

WHEREAS, this is a contract for Services, there is a Local Business Enterprise (“LBE”) subcontracting participation requirement, and this Amendment is consistent with that requirement; and

WHEREAS, this Amendment is consistent with an approval obtained on **April 6, 2026**, from the **Civil Service Commission** under PSC number **DHRPSC0006067** in the amount of **\$13,000,000** for the period of **nine years**; and

WHEREAS, this Amendment is consistent with an approval obtained from City’s **Public Utilities Commission** under **[insert resolution number]** approved on **[insert date of Commission action]** in the amount of **[insert Dollar Amount]** for the period commencing **[Insert Start Date]** and ending **[Insert End Date]**; and

WHEREAS, this Amendment is consistent with an approval obtained from the City’s **[Board of Supervisors]** under **[insert resolution number]** approved on **[insert date of Commission or Board action]** in the amount of **[insert Dollar Amount]** for the period commencing **[Insert Start Date]** and ending **[Insert End Date]**; and

WHEREAS, the Department has filed Ethics Form 126f2 (Notice of Submission of Proposal) because this Agreement has a value of \$100,000 or more in a fiscal year and will require the approval of [the Board of Supervisors](#); and

WHEREAS, the Department has filed Ethics Form 126f4 (Notification of Contract Approval) because this Agreement, as amended herein, has a value of \$100,000 or more in a fiscal year and will require the approval of [the Board of Supervisors](#); and

Now, THEREFORE, the parties agree as follows:

Preface

The following definitions shall apply to this Amendment:

1.1 **Agreement.** The term “Agreement” shall mean the Agreement dated [June 14, 2024](#) between Contractor and City.

1.2 **Other Terms.** Terms used and not defined in this Amendment shall have the meanings assigned to such terms in the Agreement.

1.3 **San Francisco Labor and Employment Code.** As of January 4, 2024, San Francisco Administrative Code Chapters 21C (Miscellaneous Prevailing Wage Requirements), 12B (Nondiscrimination in Contracts), 12C (Nondiscrimination in Property Contracts), 12P (Minimum Compensation), 12Q (Health Care Accountability), and 12U (Sweatfree Contracting) are redesignated as Articles 102 (Miscellaneous Prevailing Wage Requirements), 131 (Nondiscrimination in Contracts), 132 (Nondiscrimination in Property Contracts), 111 (Minimum Compensation), 121 (Health Care Accountability), and 151 (Sweatfree Contracting) of the San Francisco Labor and Employment Code, respectively. Wherever this Agreement refers to San Francisco Administrative Code Chapters 21C, 12B, 12C, 12P, 12Q, and 12U, it shall be construed to mean San Francisco Labor and Employment Code Articles 102, 131, 132, 111, 121, and 151, respectively. Section 6.22(e) of the San Francisco Administrative Code Chapter 6 now fully incorporates Articles 101 through 107 of the San Francisco Labor and Employment Code.

1.4 **Open For Business Legislative Changes.** In October 2025, San Francisco enacted legislation that reduced obligations the City places on contactors. These changes went into effect January 1, 2026. Articles 141 and 142 were repealed, to the extent those conditions appear in this Agreement, they should be treated as nullified. The dollar value threshold for application for Administrative Code Chapters 12F, 12N, 12L, 12Y, and 101 and Labor and Employment Code Article 151 were increased. If the Agreement is valued at less than \$230,000, 12N, 12Y and 101 are not in effect. If the Agreement is valued at \$230,000 or less, 12F and 151 are not in effect. If the Agreement is valued at less than \$1,000,000, Chapter 12L is not in effect. Any clause in the Agreement concerning a condition referenced above that is not in effect shall be treated as nullified.

Modifications of Scope to the Agreement

The Agreement is hereby modified as follows:

1.5 **Article 3 Financial Matters.** Section 3.3 of the Agreement currently reads as follows:

3.3.1 Calculation of Charges. Contractor shall provide an invoice to the City on a monthly basis for Services completed in the immediately preceding month, unless a different schedule is set out in Appendix B, "Calculation of Charges." Compensation shall be made for Services identified in the invoice that the General Manager of the SFPUC, in his or her sole discretion, concludes has been satisfactorily performed. In no event shall the amount of this Agreement exceed Eight Million Dollars, \$8,000,000. The breakdown of charges associated with this Agreement appears in Appendix B, "Calculation of Charges." A portion of payment may be withheld until conclusion of the Agreement if agreed to by both Parties as retainage, described in Appendix B. In no event shall City be liable for interest or late charges for any late payments. City will not honor minimum service order charges for any services covered by this Agreement.

Such section is hereby amended in its entirety to read as follows:

3.3.1 Calculation of Charges. Contractor shall provide an invoice to the City on a monthly basis for Services completed in the immediately preceding month, unless a different schedule is set out in Appendix B, "Calculation of Charges." Compensation shall be made for Services identified in the invoice that the General Manager of the SFPUC, in his or her sole discretion, concludes has been satisfactorily performed. In no event shall the amount of this Agreement exceed Thirteen Million Dollars, \$13,000,000. The breakdown of charges associated with this Agreement appears in Appendix B, "Calculation of Charges." A portion of payment may be withheld until conclusion of the Agreement if agreed to by both Parties as retainage, described in Appendix B. In no event shall City be liable for interest or late charges for any late payments. City will not honor minimum service order charges for any services covered by this Agreement.

Task E in Appendix A. Task E (Social Impact Partnership) in Appendix A is hereby deleted from Appendix A, and moved in its entirety to Appendix A-1 (March 2026 Revision, Task E), attached to this Amendment and fully incorporated within the Agreement. To the extent that Agreement refers to Task E in Appendix A, in any place, the true meaning shall be Appendix A-1, which is a correct and updated version applicable to Task E.

Updates of Standard Terms to the Agreement

The Agreement is hereby modified as follows:

1.6 **Article 1 Definitions.** *The following definitions are hereby added to the Agreement in Article 1 Definitions. If the terms are currently defined in the Agreement, then the included terms below supersede and expressly replace the existing definitions:*

“Artificial Intelligence” or “Artificial Intelligence Model” means an engineered or machine-based system that varies in its level of autonomy and that can, for explicit or implicit objectives, infer from the input it receives how to generate outputs that can influence physical or virtual environments.

“Artificial Intelligence System” means a machine-based system that is designed to operate with varying levels of autonomy and that may exhibit adaptiveness after deployment, and that, for explicit or implicit objectives, infers, from the input it receives, how to generate outputs such as predictions, content, recommendations, or decisions that can influence physical or virtual environments.

“City Data” means all data collected, used, maintained, processed, stored, and/or generated by or on behalf of City in connection with this Agreement. City Data includes, without limitation, Confidential Information and Deliverable Data.

“Confidential Information” means confidential City information including, but not limited to, personal identifiable information (“PII”), protected health information (“PHI”), or individual financial information (collectively, “Proprietary or Confidential Information”) that is subject to local, state or federal laws restricting the use and disclosure of such information. Confidential Information includes, without limitation, City Data.

“Deliverable Data” means any data that is required to be delivered to City as a Deliverable, or as a part of a Deliverable, under this Agreement.

“Generative Artificial Intelligence” means artificial intelligence that can generate derived synthetic content, such as text, images, video, and audio, that emulates the structure and characteristics of the artificial intelligence’s training data.

“Personal Identifiable Information (PII)” means information that identifies, relates to, describes, is reasonably capable of being associated with, or could reasonably be linked, directly or indirectly, with a particular individual or household. Personal information includes, but is not limited to, the following if it identifies, relates to, describes, is reasonably capable of being associated with, or could be reasonably linked, directly or indirectly, with a particular individual or household as further defined in the California Consumer Privacy Act.

1.7 **Section 3.6 Prevailing Wages.** *Section 3.6 is replaced in its entirety to read as follows:*

3.6.1 **Covered Services.** Services to be performed by Contractor under this Agreement will involve the performance of work covered by Articles 101 through 107 of the San Francisco Labor and Employment Code, as applicable, including without limitation the California Labor Code provisions incorporated therein (collectively, “Covered Services”), all of which is incorporated into this Agreement as if fully set forth herein and will apply to any Covered Services performed by Contractor and its subcontractors.

3.6.2 **Wage Rates.** The latest prevailing wage rates for private employment on public contracts as determined by the San Francisco Board of Supervisors, as such prevailing wage rates may be changed during the term of this Agreement, are hereby incorporated as provisions of this Agreement. Contractor agrees that it shall pay not less than

the highest general Prevailing Rate of Wages to all workers employed by Contractor who perform Covered Services under this Agreement. Copies of the Prevailing Rate of Wages as fixed and determined in accordance with Labor and Employment Code Section 103.2 are available from the City's Office of Labor Standards and Enforcement ("OLSE") and are on file at the Department's principal office or at the job site and shall be made available to any interested party on request.

3.6.3 **Subcontract Requirements.** Contractor shall insert in every subcontract for the performance of Covered Services under this Agreement a provision requiring subcontractor to pay all persons performing labor in connection with Covered Services under the subcontract not less than the highest general prevailing rate of wages as determined by the Board of Supervisors for such labor and services.

3.6.4 **Job Site Notices and Records.** Contractor shall prominently post at each job site a sign informing employees that the work is subject to the City's Prevailing Wage requirements and that these requirements are enforced by OLSE. Contractor shall also maintain a sign-in and sign-out sheet in a format prescribed by OLSE showing which employees are present on the job site.

3.6.5 **Payroll Records.** Contractor shall keep or cause to be kept, for a period of four years from the date of completion of the subject work, complete and accurate payroll records for all workers performing Covered Services, including without limitations time cards, trust fund reports, apprenticeship agreements, accounting ledgers, tax forms, proof of payment, and superintendent and foreperson daily logs for all trades workers performing work. Such records shall include the name, address and social security number of each worker who provided Covered Services, including apprentices, their classification, a general description of the Services each worker performed each day, the rate of pay (including rates of contributions for, or costs assumed to provide fringe benefits), daily and weekly number of hours worked, deductions made and actual wages paid. Every subcontractor who shall perform any part of Covered Services shall keep a like record of each person engaged in the execution of Covered Services under the subcontract. All such records shall at all times be available for inspection of and examination by City and its authorized representatives.

3.6.6 **Certified Payrolls.** Contractor shall prepare certified payrolls for the period involved for all employees, including those of subcontractors, who performed Covered Services. Contractor and each subcontractor performing Covered Services shall electronically submit certified payrolls to City using OLSE's certified payroll reporting system. Contractor and all subcontractors that will perform Covered Services shall attend a training session on the preparation and electronic submission of certified payroll records provided by City. Contractor and applicable subcontractors shall comply with electronic certified payroll requirements (including training) at no additional cost to City.

3.6.7 **Compliance Monitoring.** Covered Services performed under this Agreement are subject to compliance monitoring and enforcement of prevailing wage requirements by OLSE. Contractor and any subcontractors performing Covered Services will cooperate fully with OLSE and other City employees and agents authorized to assist in the

administration and enforcement of the prevailing wage requirements. Contractor agrees that (i) OLSE shall have the right to engage in random inspections of job sites and have access to the employees of the Contractor, employee time sheets, inspection logs, payroll records and employee paychecks, and (ii) OLSE may audit such records of Contractor and any subcontractors as it reasonably deems necessary. Failure to comply with these requirements may result in penalties and forfeitures pursuant to the California Labor Code, including Section 1776(h), as amended from time to time, and San Francisco Labor and Employment Code Article 101 through 107, as applicable.

3.6.8 **Remedies.** Should Contractor, or any subcontractor performing Covered Services, fail or neglect to pay to the persons who perform Covered Services under this Agreement or subcontract for the Covered Services, the general prevailing rate of wages as herein specified, Contractor shall forfeit, and in the case of any subcontractor so failing or neglecting to pay said wage, Contractor and the subcontractor shall jointly and severally forfeit, back wages due plus the penalties set forth in the San Francisco Labor and Employment Code and/or California Labor Code Section 1775. City, when certifying any payment which may become due under the terms of this Agreement, shall deduct from the amount that would otherwise be due on such payment the amount of said forfeiture.

1.8 **Section 4.2 Personnel.** *Section 4.2 is replaced in its entirety to read as follows:*

4.2.1 **Qualified Personnel.** Contractor represents and warrants that it is qualified to perform the Services required by City, and that all Services will be performed by competent personnel with the degree of skill and care required by current and sound professional procedures and practices. Contractor will comply with City's reasonable requests regarding assignment and/or removal of personnel, but all personnel, including those assigned at City's request, must be supervised by Contractor. Contractor shall commit sufficient resources for timely completion within the project schedule.

1.9 **Article 13 Data and Security.** *Article 13 is replaced in its entirety to read as follows:*

13.1 **Nondisclosure of Private, Proprietary or Confidential Information.**

13.1.1 **Protection of Private Information.** If this Agreement requires City to disclose "Private Information" to Contractor within the meaning of San Francisco Administrative Code Chapter 12M, Contractor and subcontractor shall use such information only in accordance with the restrictions stated in Chapter 12M and in this Agreement and only as necessary in performing the Services. Contractor is subject to the enforcement and penalty provisions in Chapter 12M.

13.1.2 **City Data; Confidential Information.** In the performance of Services, Contractor may have access to, or collect on City's behalf, City Data, which may include proprietary or Confidential Information that if disclosed to third parties may damage City. If City discloses proprietary or Confidential Information to Contractor, or Contractor

collects such information on City's behalf, such information must be held by Contractor in confidence and used only in performing the Agreement. Contractor shall exercise the same standard of care to protect such information as a reasonably prudent contractor would use to protect its own proprietary or Confidential Information.

13.2 Reserved (Payment Card Industry ("PCI") Requirements).

13.3 Reserved (Business Associate Agreement).

13.4 Management of City Data.

13.4.1 Use of City Data. Contractor agrees to hold City Data received from, or created or collected on behalf of, City, in strictest confidence. Contractor shall not use or disclose City Data except as permitted or required by the Agreement or as otherwise authorized in writing by City. Any work by Contractor or its authorized subcontractors using, or sharing or storage of, City Data outside the United States is prohibited, absent prior written authorization by City. Access to City Data must be strictly controlled and limited to Contractor's staff assigned to this project on a need-to-know basis only. City Data shall not be distributed, repurposed or shared across other applications, environments, or business units of Contractor. Contractor is provided a limited non-exclusive license to use City Data solely for performing its obligations under the Agreement and not for Contractor's own purposes or later use, provided, however, that no City Data may be used by Contractor to train, modify or improve any Artificial Intelligence Systems or Models without City's prior written consent, which may be withheld or withdrawn at City's sole discretion. Nothing herein shall be construed to confer any license or right to City Data, by implication, estoppel or otherwise, under copyright or other intellectual property rights, to any third-party. Unauthorized use of City Data by Contractor, subcontractors or other third-parties is prohibited. For purpose of this requirement, the phrase "unauthorized use" means the data mining or processing of data and/or machine learning from the data, stored or transmitted by the service, for unrelated commercial purposes, advertising or advertising-related purposes, or for any purpose that is not explicitly authorized other than security or service delivery analysis.

13.4.2 Use of Generative Artificial Intelligence in Deliverables.

Contractor is prohibited from using Generative Artificial Intelligence in the development of Deliverables without City's prior written consent. Contractor represents and warrants to City that Deliverables will not be developed in a manner that conflicts with the City's rights in and to the Deliverables under Article 9, "Rights in Deliverables," or the City Data confidentiality and security requirements under Article 13, "Data and Security," of this Agreement.

13.4.3 Disposition of City Data. Except as otherwise provided for in this Agreement, upon City's request, termination or expiration of this Agreement, or the expiration of any required document retention period or litigation hold, Contractor shall promptly, but in no event later than thirty (30) calendar days, return all City Data given to, or collected or created by Contractor on City's behalf, which includes all original media. Once Contractor has received written confirmation from City that the City Data has been successfully transferred to City, Contractor shall, within ten (10) business days, securely dispose, clear, purge, and/or physically destroy, all copies of all City Data from its servers,

files, hosted environments used in performance of this Agreement (including subcontractors' environments), work stations used to process or produce the data, and any other work files stored by Contractor in whatever medium. Contractor shall provide City with written certification that such secure disposal occurred within five (5) business days of the disposal. Secure disposal shall be accomplished by "clearing," "purging" or "physical destruction," in accordance with National Institute of Standards and Technology (NIST) Special Publication 800-88 or most current industry standard.

13.5 Ownership of City Data. The Parties agree that as between them, all rights, including all intellectual property rights, in and to City Data and any derivative works of City Data is the exclusive property of City.

13.6 Loss or Unauthorized Access to City's Data; Security Breach Notification. Contractor shall comply with all applicable laws that require the notification to individuals in the event of unauthorized release of PII, PHI, or other event requiring notification. Contractor shall notify City of any actual or potential exposure or misappropriation of City Data (any "Leak") within twenty-four (24) hours of the discovery of such, but within twelve (12) hours if the Data Leak involved PII or PHI. Contractor, at its own expense, will reasonably cooperate with City and law enforcement authorities to investigate any such Leak and to notify injured or potentially injured parties. The remedies and obligations set forth in this subsection are in addition to any other City may have. City shall conduct all media communications related to such Leak.

13.7 Cybersecurity Risk Assessment. If a Cybersecurity Risk Assessment ("CRA") was required before entering the Agreement, Contractor must complete an annual CRA to demonstrate that it has maintained the data privacy and information security program required for City contractors. If Contractor does not satisfactorily complete an annual CRA, the City shall have the right, without further obligation or liability to Contractor, to terminate this Agreement or exercise any of its other remedies hereunder. Any failure by Contractor to comply with this Section shall be a material breach of this Agreement.

Effective Date

Each of the modifications set forth in this Amendment shall be effective on and after **the date of this Amendment**.

Legal Effect

Except as expressly modified by this Amendment, all of the terms and conditions of the Agreement shall remain unchanged and in full force and effect.

IN WITNESS WHEREOF, Contractor and City have executed this Amendment as of the date first referenced above.

CITY

CONTRACTOR

Recommended by:

LEE + RO and AGS Joint Venture

Dennis J. Herrera
General Manager
San Francisco Public Utilities Commission

[name of authorized representative]
[title]

City Supplier Number: 0000054930

Approved as to Form:

David Chiu
City Attorney

By: _____
[name of Deputy City Attorney]
Deputy City Attorney

Approved:
Sailaja Kurella
Director of the Office of Contract
Administration, and Purchaser

By: _____
Name: _____

Attached Appendices: Appendix A-1: March 2026 Revision, Task E

Appendix A-1: March 2026 Revision, Task E

Task E SOCIAL IMPACT PARTNERSHIP

1. Terms and Conditions.

- a. Contractor shall provide its Social Impact Partnership (SIP) Commitments during the term of the Agreement. The representations, warranties, and other terms contained in Contractor's SIP Proposal Response Form (SIP Proposal) will be the basis for a SIP Projection Plan and a SIP Annual Work Plan, but are for the sole benefit of the parties hereto and shall not be construed as conferring any rights on any other persons or entities. (Capitalized terms not defined herein are defined in SFPUC Social Impact Partnership Rules and Regulations and/or the Request for Proposals).
- b. Providing SIP Commitments is a deliverable, zero-dollar task. Contractor may not allocate or include any hours or dollars in Contractor's costs for the services under the Agreement in order to perform or deliver the voluntarily proposed SIP Commitments. Contractor shall fund the SIP Commitments independently and such funding shall neither be tied to, nor dependent upon, SFPUC funds or sources of funding, receivable from SFPUC, including retention associated with the Agreement. This requirement of independent funding includes direct financial contributions and any funding related to the performance or delivery of the SIP Commitments. The provision of SIP Commitments does not entitle Contractor to additional work beyond the services specified within the Agreement.
- c. Contractor shall commence performance of the SIP Commitments promptly after issuance of the Notice of Contract Award (NCA) for the Agreement and SIP kick-off meeting. SIP Commitments performed as part of previous contracts or prior to Contractor being awarded the Agreement cannot count towards Contractor's SIP Commitments for the Agreement. If Contractor has established programs or plans that are consistent with the SIP Program Areas described in the Request for Proposals (RFP), Contractor may continue those programs as part of its SIP Commitments and will be given credit for activities that are performed following the issuance of the NCA by the SFPUC and after the approval of SIP Projection Plan and Annual Work Plan.
- d. Contractor's progress on delivering SIP Commitments must keep pace with Contractor's progress and completion of the underlying contractual term. If the SFPUC's SIP Program team determines that Contractor's delivery of SIP Commitments is 10% or more behind the progress and completion of the underlying contractual term, the City, in its sole discretion, may deem Contractor in breach of the Agreement.
- e. Depending on the phase of completion of Contractor's work under the Covered Contract, the City's progressive remedies for Contractor's breach may include, without limitation : (1) Requiring Contractor to submit a corrective action plan; (2) withholding progress payments equal to the amount of undelivered SIP commitments; (3) withholding progress payments from amounts due and owing under the Covered Contract up to 100% of the value of SIP Commitments; (4)

assessing actual damages in the amount equal to the total value of undelivered SIP Commitments, plus liquidated damages equal to 10% of the total SIP Commitment value (5) temporarily revoking non-compliant Contractor's eligibility for SIP Commitment bonus points for future Covered Contracts. See SFPUC Social Impact Partnership Rules and Regulations (SIP Rules and Regulations) at Rule 5.

- f. If Contractor fails to complete its SIP Commitments, the SFPUC may withhold the value of the uncompleted SIP Commitments and deduct said amount from the sum the SFPUC owes to Contractor for performance of its work. If the SFPUC imposes actual or liquidated damages as a remedy against Contractor for non-compliance, the Controller shall withhold the damages assessed until such time as either Contractor has conceded to or acquiesced in the assessment or, in the event of an appeal, there is a determination no longer subject to judicial review. The Controller shall then deposit the amount withheld into a special account which shall be created for the sole purpose of receiving such funds. The funds deposited into this account shall be distributed by the Controller in accordance with the original SIP Commitments and by the process set forth in the SIP Rules and Regulations.
- g. If Contractor fails to perform any of its SIP Commitments, in addition to the actual damages, the Contractor shall be liable for liquidated damages in an amount equal to 10% of the total value of unmet SIP Commitments.
- h. When City amends a Covered Contract that will result in an increase to the Covered Contract amount, the SFPUC will require that the Contractor propose a proportional increase to its SIP Commitments for the Covered Contract. Such increase shall be proportional to the increase to the Covered Contract amount under the amendment. The Contractor must propose how it intends to allocate the proportional increase in its SIP Annual Work Plan. The SFPUC staff will discuss the foregoing revision to the SIP Annual Work Plan with the Contractor after the amendment is approved. Contractor shall be obligated to deliver the increased SIP Commitment(s) at no additional cost to the SFPUC.
- i. Without in any way limiting the City's other indemnity rights under this Agreement, Contractor shall save, keep, hold harmless, and fully indemnify the City and any of its officers or employees from all damages, costs, or expenses in law or equity, or claims for same, that may at any time arise from performance of SIP Commitments. Contractor shall bear sole responsibility and liability, if any, for any breach of the SIP Program provisions of its Covered Contract or San Francisco Administrative Code Chapter 21F.

2. Project Team

Nathan Reeve shall serve as the Executive in Charge to manage Contractor's SIP Commitments and provide fiduciary oversight. The Executive in Charge shall ensure that the SIP Commitments outlined in the Social Impact Partnership Commitments Table below are delivered to the specific geographic area(s) as specified in the solicitation, ensuring transparency and accountability. The Executive in Charge shall work with the

SIP Coordinators, **Dana Focardi, and Kat Martin**, to organize, plan, track, measure, and report on Contractor’s SIP Commitments.

3. SIP Commitments.

Contractor shall provide **\$24,375.00** in direct financial contributions and **\$60,937.50** in volunteer hours. Contractor commits to a minimum total contribution of **\$85,312.50** over the term of the Agreement as stated in Contractor’s SIP Proposal Response Form and the Social Impact Partnership Commitments Table below.

Social Impact Partnership Commitments Table

SIP Program Area	Direct Financial Contributions	Volunteer Hours	Volunteer Hour (Fixed rate \$150)	Value of Volunteer Hours	Total Contribution
Public Education	\$24,375.00	406.25	\$150.00	\$60,937.50	\$85,312.50
TOTAL COMMITMENTS					\$85,312.50

4. Beneficiaries.

Contractor must provide its SIP Commitments to properly identified beneficiaries (Beneficiaries or Beneficiary). A Beneficiary must be: (1) a nonprofit public benefit corporation that has established and maintains valid nonprofit status under Internal Revenue Code Section 501(c)(3), as amended, and all rules and regulations promulgated under that section; (2) an organization that has a fiscal agent that is a nonprofit corporation that has established and maintains valid nonprofit status under Internal Revenue Code section 501(c)(3), as amended, and all rules and regulations promulgated under said section and which provides that organization with fiduciary oversight, financial management, and administrative services related to its operation; or (3) a public school, which may include a public school district, County Office of Education, and/or a public college or university.

The following are not eligible Beneficiaries: any (1) City department, office, board, commission, or other entity; (2) City official or employee or Relative of a City official or employee, unless the resulting benefit is incidental to and not unique to the City official or employee or Relative, but rather benefits the general public or a particular community that is the focus or target of the Social Impact Commitment; or (3) entity subject to an order of debarment or suspension under San Francisco Administrative Code Chapter 28. Solely for the purposes of this definition of Beneficiary, the definition of City shall include any other municipal/local, county, state, or federal jurisdiction.

A Beneficiary must be independent of the Contractor and its subcontractor(s) (at any tier) and their respective officers and employees. No Contractor or subcontractor officer or employee or Relative of an officer or employee may own, control, or manage a Beneficiary.

5. Accountability and Deliverables.

Contractor shall provide supporting documentation, including Key Performance Indicators (KPIs), consistent with the reporting requirements detailed below to establish fulfillment of the SIP Commitments.

Contractor must provide the following deliverables during performance of the Agreement:

1. SIP Work Plans.

i. SIP Projection Plan.

Contractor must attend a SIP kick-off meeting and develop and submit to the SFPUC a SIP Projection Plan within three months of issuance of the Notice of Contract Award. A SIP Projection Plan is a detailed forecast that estimates the financial and volunteer contributions over the term of the contract.

ii. SIP Annual Work Plan.

A detailed plan outlining the financial and/or volunteer contributions to identified beneficiaries for a defined fiscal year. It specifies the resource allocation to ensure contributions are in alignment with the Projection Plan.

The SFPUC will use the SIP Projection Plan and the SIP Annual Work Plan to assess progress on SIP Commitment delivery regularly throughout the term of the Covered Contract.

2. SIP Commitments and Reporting.

Contractors must submit annually a SIP Annual Work Plan, and regular, bi-annual, SIP Program performance reports to the SFPUC.

Contractors shall submit all reports, required documentation, and details regarding key performance indicators to the SFPUC via the online portal (SIP Portal):

www.sfpuc.org/SIPreporting.

Reports submitted without corresponding documentation will not be accepted. Contractors must complete reporting at the end of each reporting period, including if there are no activities. Failing to report and/or no response by the specified deadlines will be considered non-compliance and subject the Contractor to corrective action.

The biannual reporting periods are as follows:

Q1/Q2 Biannual Report for SIP Commitments delivered between July 1 to December 31, and all required documentation.

Reporting deadline: January 31.

Q3/Q4 Biannual Report for SIP Commitments delivered between January 1 to June 30, and all required documentation.

Reporting deadline: July 31.

The SFPUC will review all submitted reports and supporting documentation for completion and accuracy, and will contact Contractor regarding any missing information or questions regarding their submissions.

Contractor shall also submit a stand-alone annual newsletter to the SIP Portal, covering the highlights of the year's SIP Commitments, Program Areas, beneficiaries, and associated outcomes for online publication.

Contractors must notify the SFPUC of any staffing changes related to the Contractor's SIP Executive in Charge and the SIP Coordinator within 30 days of a staffing change.

Any proposed changes to the SIP Commitments as set forth herein shall be submitted in writing for review by the SFPUC SIP Program team.

6. Statements of Understanding.

Contractor understands and accepts that:

3. Contractor is bound by all instructions and requirements in the RFP for the SIP Proposal Response Form and the [SIP Rules and Regulations](#), as may be amended.
4. Contractor's SIP Commitments must directly benefit the communities, neighborhoods, and/or residents served by or impacted by the SFPUC.
5. SIP Commitments must provide support through financial donations and/or volunteer hours to or through Beneficiaries (as that term is defined in Administrative Code Section 21F.2 and SIP Rules and Regulations).
6. SIP Commitments are separate from and in addition to any regulatory or legal requirements related to the Agreement.
7. Contractor must deliver its SIP Commitments at no cost to the SFPUC.
8. Contractor is contractually obligated to deliver the total commitment amount listed in the Social Impact Partnership Commitments Table in the Agreement.
9. Only activities commenced after the first NCA for the Agreement is issued and approval of SIP Projection and Annual Work Plan will count towards the fulfillment of Contractor's SIP Commitments.
10. Contractor is obligated to comply with SFPUC's SIP Commitments reporting requirements.
11. These reporting requirements may be adjusted over the duration of the agreement due to Program and system improvements.

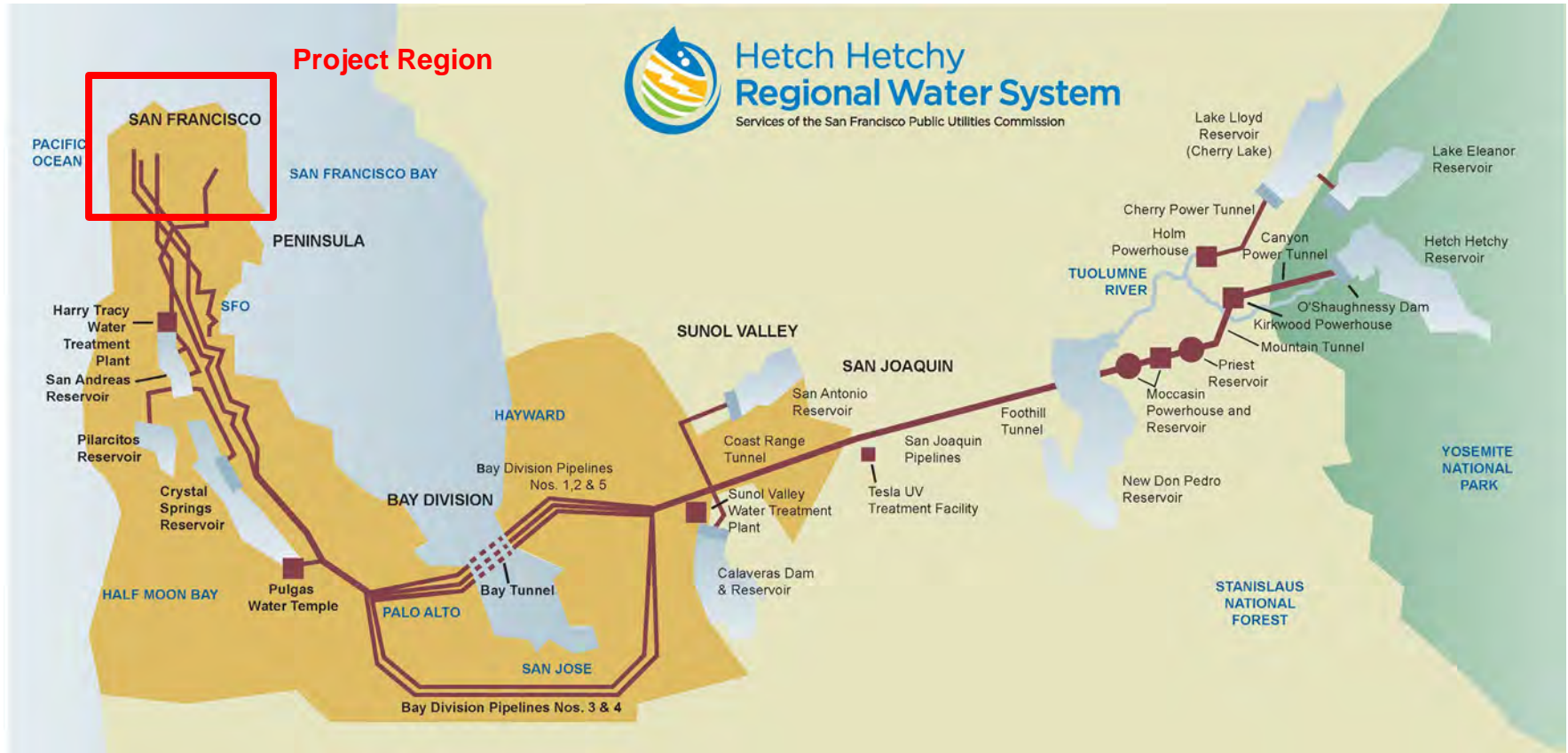
Contractor shall provide all of the SIP Commitments, consistent with all of the terms of Contractor's SIP Commitment Table, which is incorporated herein by this reference. Should there be any conflicts or discrepancies between the language in this section and Contractor's SIP Proposal Response Form, the language of this section shall prevail as Contractor's and SFPUC's final mutual understanding and agreement.



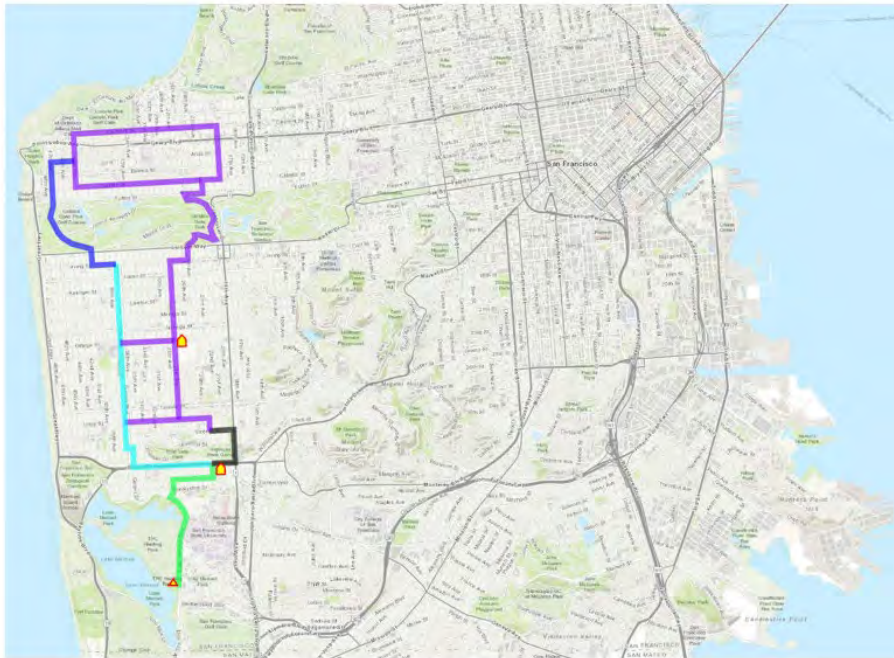
Request to Approve Amendment No. 1 to Contract Number PRO.0163(R) - Engineering Services for the Emergency Firefighting Water System and City's Water Distribution System

**San Francisco Board of Supervisors – Budget and Finance Committee Meeting
May 27, 2026**

Overall Water System



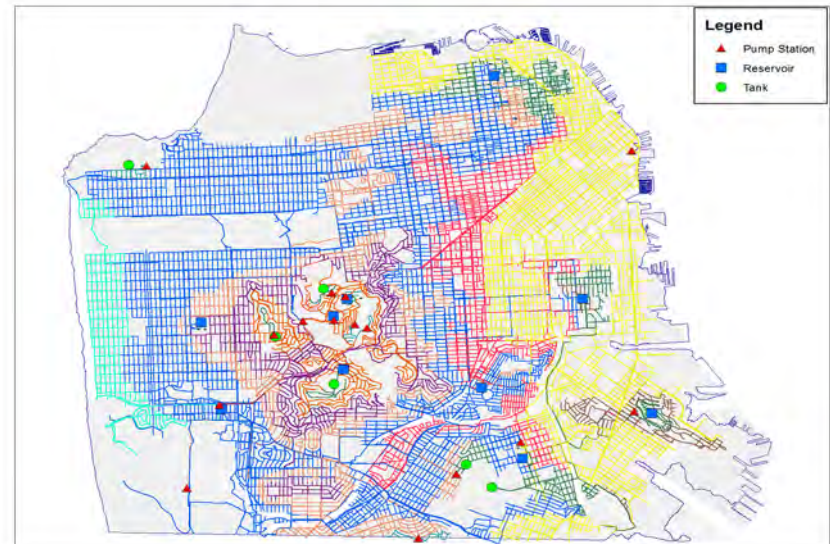
Potable Emergency Firefighting Water System (PEFWS)



- Network of reservoirs, tanks, pipelines, cisterns, pump stations, fireboats, and other facilities within San Francisco
- System designed to fight large fires and fires following large seismic events when domestic water system may be impacted

Linear Assets Management Program (LAMP)

- Annual goal to replace approximately 10-15 miles of pipeline per year to extend or renew useful life
- Work may include replacement, rehabilitation, relining, seismic resiliency and cathodic protection





Contract Scope Overview

- PRO.0163(R): Engineering Services for the Emergency Firefighting Water System and City's Water Distribution System
- Resolution No. 24-0025 (February 13, 2024)
- Contractor: LEE+RO and AGS Joint Venture
- Contract Amount: \$8,000,000
- Contract Duration: Eight (8) years

Scope of work is to provide engineering support for specific projects identified in the contract



Contract PRO.0163(R) Proposed Amendment 1 Modifications

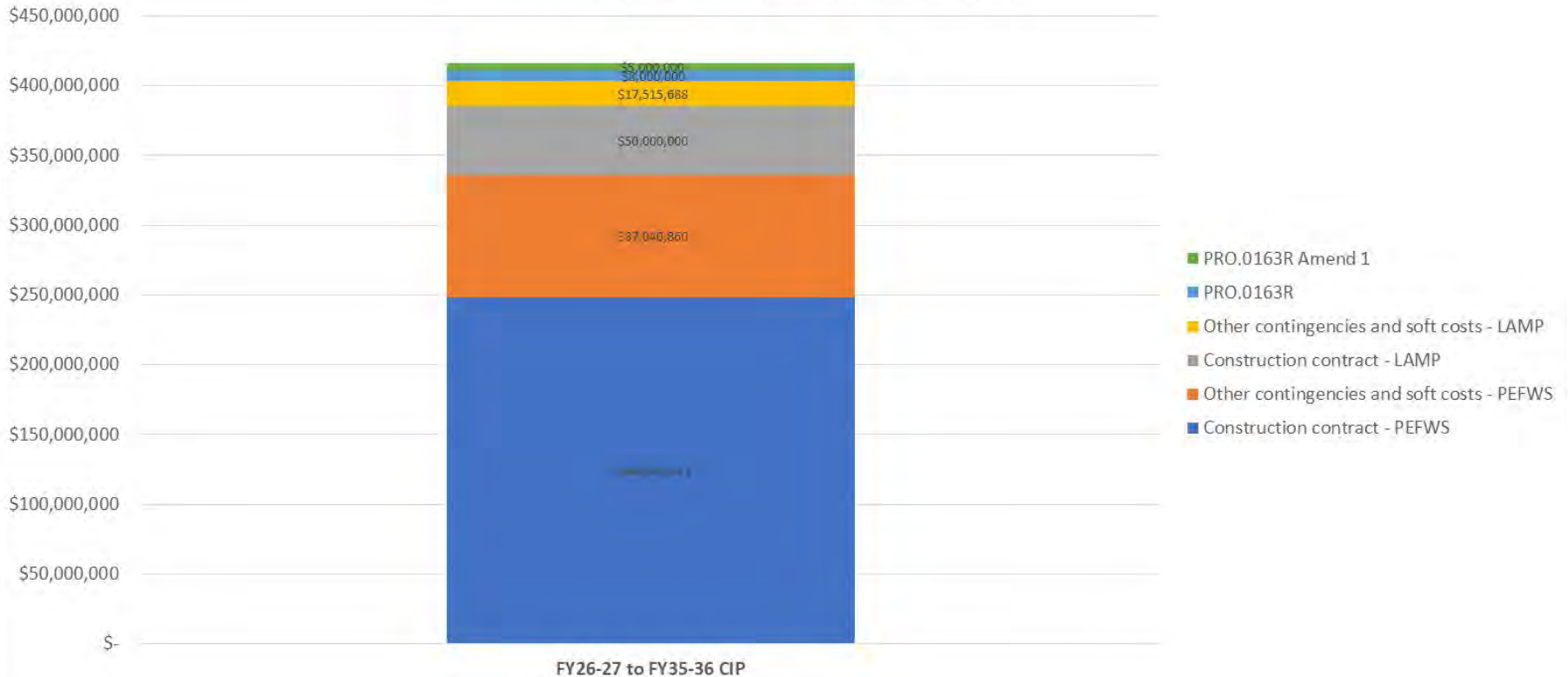
Project Name	Current Phase	Current Contract Budget	Proposed Amendment 1 Modifications		Proposed Budget
EFWS Pipelines Contracts A through C	Planning / Design	\$4,169,441	Planning, Design, and ESDC*	\$4,590,000	\$8,759,441
EFWS Pump Station(s) Central Pump Station	Planning	\$417,319	Planning	\$300,000	\$717,319
City's Distribution System Active LAMP Projects	Design	\$802,345	Design and ESDC*	\$400,000	\$1,202,345
City's Distribution System LAMP Projects starting 2026	Not Started	\$0	Planning, Design, and ESDC*	\$2,300,000	\$2,300,000
Training Sessions	Not Started	\$0	N/A	\$20,895	\$20,895
Unassigned	N/A	\$2,610,895	N/A	(\$2,610,895)	\$0
TOTAL		\$8,000,000		\$5,000,000	\$13,000,000

*ESDC – Engineering Support During Construction



Amendment No.1 increase in context

PRO.0163R - Total Projects Budget



PEFWS Pipelines



- Design criteria modified for higher seismic level of service, alignment changes to improve system robustness, and unforeseen geotechnical complexities
- Contracts A through C
- Current Phase: Planning and Design



EFWS Pump Stations

- Design criteria modified for higher seismic level of service resulted in system re-evaluation



- Central Pump Station
- Current Phase: Planning

LAMP Projects



- Support needed for geotechnical engineering and curb ramp design
- Current Phase: Design

- Existing projects continuing and starting construction in 2026
- New projects starting design in 2026





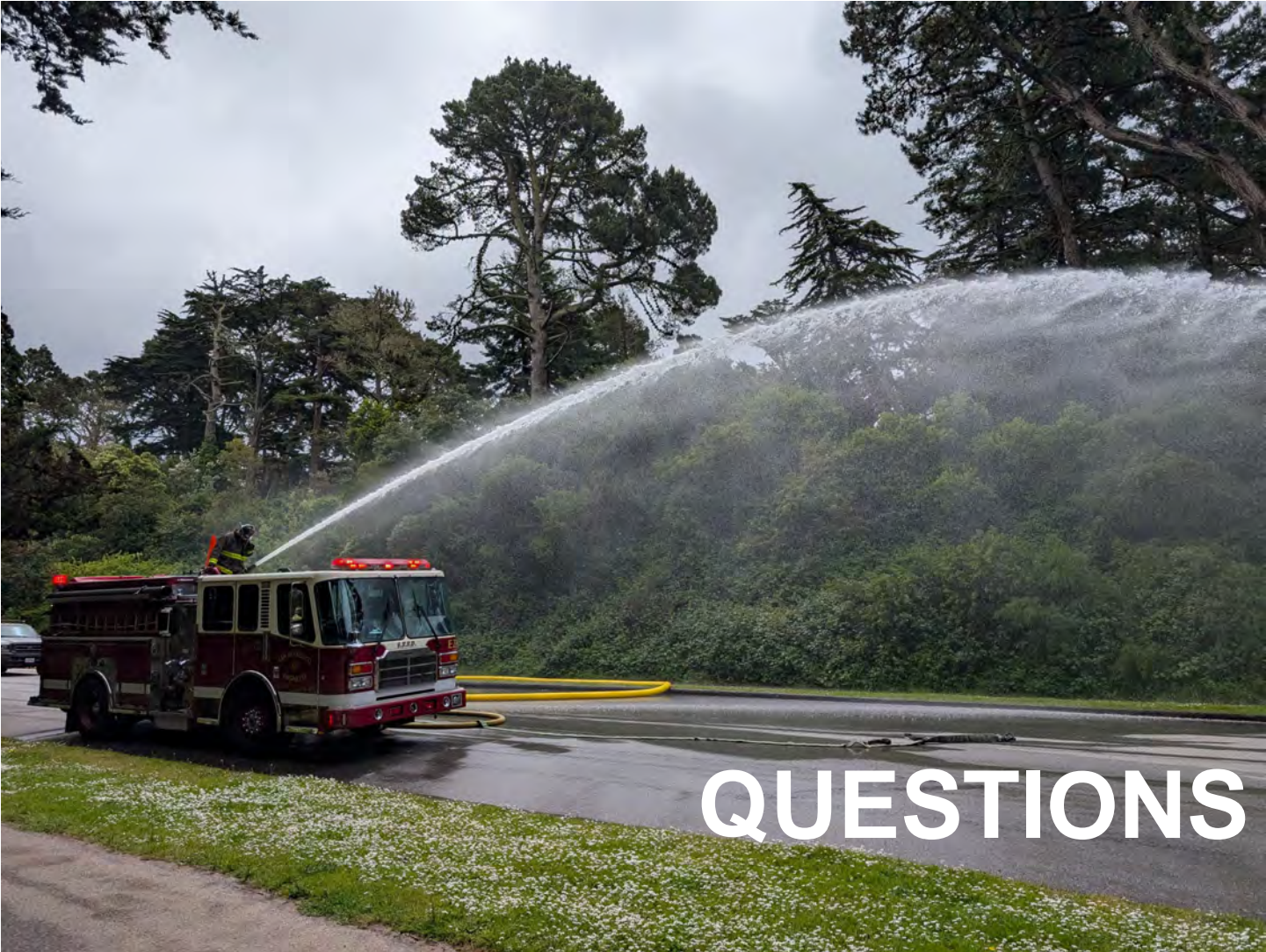
Contract PRO.0163(R) Proposed Amendment 1 Modifications

Project Name	Current Phase	Current Contract Budget	Proposed Amendment 1 Modifications		Proposed Budget
EFWS Pipelines Contracts A through C	Planning / Design	\$4,169,441	Planning, Design, and ESDC*	\$4,590,000	\$8,759,441
EFWS Pump Station(s) Central Pump Station	Planning	\$417,319	Planning	\$300,000	\$717,319
City's Distribution System Active LAMP Projects	Design	\$802,345	Design and ESDC*	\$400,000	\$1,202,345
City's Distribution System LAMP Projects starting 2026	Not Started	\$0	Planning, Design, and ESDC*	\$2,300,000	\$2,300,000
Training Sessions	Not Started	\$0	N/A	\$20,895	\$20,895
Unassigned	N/A	\$2,610,895	N/A	(\$2,610,895)	\$0
TOTAL		\$8,000,000		\$5,000,000	\$13,000,000

*ESDC – Engineering Support During Construction



San Francisco
Water
Power
Sewer



QUESTIONS

**City and County of San Francisco
San Francisco Public Utilities Commission
525 Golden Gate Avenue
San Francisco, California 94102**

**Agreement between the City and County of San Francisco and
LEE + RO and AGS Joint Venture**

PRO.0163(R)

**Engineering Services for the Emergency Firefighting Water System and City's Water
Distribution System**

This Agreement is made this 14 day of June, 2024, in the City and County of San Francisco (“City”), State of California, by and between LEE + RO & AGS Joint Venture 1550 Parkside Drive, Suite 320, Walnut Creek, CA 94596 (“Contractor”) and City.

Recitals

WHEREAS, the San Francisco Public Utilities Commission (“Department,” or “SFPUC”) seeks to retain engineering design services for the Emergency Firefighting Water System (EFWS) and the City’s Water Distribution System. from Contractor; and

WHEREAS, Contractor represents and warrants that it is qualified to perform the Services required by City as set forth under this Agreement; and

WHEREAS, Contractor was competitively selected pursuant to Sourcing Event ID Request for Proposals PRO.0163(R); and

WHEREAS, this is a contract for Services and there is a Local Business Enterprise (“LBE”) subcontracting participation requirement with respect to the Services, as defined further herein; and

WHEREAS, approval for the Agreement was obtained on June 3, 2024 from the Civil Service Commission under PSC number 46421-23/24 in the amount of \$8,000,000 for the period of 9 years, 2 days; and

WHEREAS, the City’s Public Utilities Commission approved this Agreement by Resolution No. 24-0025 on February 13, 2024.

Now, THEREFORE, the parties agree as follows:

Article 1 Definitions

The following definitions apply to this Agreement:

1.1 “Agreement” means this contract document, including all attached appendices, and all applicable City Ordinances and Mandatory City Requirements specifically incorporated into this Agreement by reference as provided herein.

1.2 “City” or “the City” means the City and County of San Francisco, a municipal corporation, acting by and through its Public Utilities Commission.

1.3 “CMD” means the Contract Monitoring Division of the City.

1.4 “Confidential Information” means confidential City information including, but not limited to, personally-identifiable information (“PII”), protected health information (“PHI”), or individual financial information (collectively, “Proprietary or Confidential Information”) that is subject to local, state or federal laws restricting the use and disclosure of such information, including, but not limited to, Article 1, Section 1 of the California Constitution; the California Information Practices Act (Civil Code § 1798 et seq.); the California Confidentiality of Medical Information Act (Civil Code § 56 et seq.); the federal Gramm-Leach-Bliley Act (15 U.S.C. §§ 6801(b) and 6805(b)(2)); the privacy and information security aspects of the Administrative Simplification provisions of the federal Health Insurance Portability and Accountability Act (45 CFR Part 160 and Subparts A, C, and E of part 164); and San Francisco Administrative Code Chapter 12M (Chapter 12M).

1.5 “Contractor” or “Consultant” means LEE + RO and AGS Joint Venture 1550 Parkside Drive, Suite 320, Walnut Creek, CA 94596 .

1.6 “Deliverables” means Contractor’s work product resulting from the Services provided by Contractor to City during the course of Contractor’s performance of the Agreement, including without limitation, the work product described in the “Scope of Services” attached as Appendix A.

1.7 “Effective Date” means the Effective Date stated in the Notice of Contract Award issued by the SFPUC once this Agreement has been fully approved and executed.

1.8 “Mandatory City Requirements” means those City laws set forth in the San Francisco Municipal Code, including the duly authorized rules, regulations, and guidelines implementing such laws that impose specific duties and obligations upon Contractor.

1.9 “Party” and “Parties” means the City and Contractor either collectively or individually.

1.10 “Services” means the work performed by Contractor under this Agreement as specifically described in the “Scope of Services” attached as Appendix A, including all services, labor, supervision, materials, equipment, actions and other requirements to be performed and furnished by Contractor under this Agreement.

Article 2 Term of the Agreement

2.1 The term of this Agreement shall commence on the Effective Date and expire eight (8) years later, unless earlier terminated as otherwise provided herein.

2.2 The City may extend this Agreement beyond the expiration date by exercising an option at the City's sole and absolute discretion and by modifying this Agreement as provided in Section 11.5, "Modification of this Agreement."

Article 3 Financial Matters

3.1 **Certification of Funds; Budget and Fiscal Provisions; Termination in the Event of Non-Appropriation.** This Agreement is subject to the budget and fiscal provisions of the City's Charter. Charges will accrue only after prior written authorization certified by the Controller, and the amount of City's obligation hereunder shall not at any time exceed the amount certified for the purpose and period stated in such advance authorization. This Agreement will terminate without penalty, liability or expense of any kind to City at the end of any fiscal year if funds are not appropriated for the next succeeding fiscal year. If funds are appropriated for a portion of the fiscal year, this Agreement will terminate, without penalty, liability or expense of any kind at the end of the term for which funds are appropriated. City has no obligation to make appropriations for this Agreement in lieu of appropriations for new or other agreements. City budget decisions are subject to the discretion of the Mayor and the Board of Supervisors. Contractor's assumption of risk of possible non-appropriation is part of the consideration for this Agreement.

THIS SECTION CONTROLS AGAINST ANY AND ALL OTHER PROVISIONS OF THIS AGREEMENT.

3.2 **Guaranteed Maximum Costs.** The City's payment obligation to Contractor cannot at any time exceed the amount certified by City's Controller for the purpose and period stated in such certification. Absent an authorized Emergency per the City Charter or applicable Code, no City representative is authorized to offer or promise, nor is the City required to honor, any offered or promised payments to Contractor under this Agreement in excess of the certified maximum amount without the Controller having first certified the additional promised amount and the Parties having modified this Agreement as provided in Section 11.5, "Modification of this Agreement."

3.3 Compensation.

3.3.1 **Calculation of Charges.** Contractor shall provide an invoice to the City on a monthly basis for Services completed in the immediately preceding month, unless a different schedule is set out in Appendix B, "Calculation of Charges." Compensation shall be made for Services identified in the invoice that the General Manager of the SFPUC, in his or her sole discretion, concludes has been satisfactorily performed. In no event shall the amount of this Agreement exceed Eight Million Dollars, \$8,000,000. The breakdown of charges associated with this Agreement appears in Appendix B, "Calculation of Charges." A portion of payment may be withheld until conclusion of the Agreement if agreed to by both Parties as retainage, described in Appendix B. In no event shall City be liable for interest or late charges for any late payments. City will not honor minimum service order charges for any services covered by this Agreement.

3.3.2 **Payment Limited to Satisfactory Services.** Contractor is not entitled to any payments from City until SFPUC approves the Services delivered pursuant to this

Agreement. Payments to Contractor by City shall not excuse Contractor from its obligation to replace unsatisfactory delivery of goods and/or Services even if the unsatisfactory character may not have been apparent or detected at the time such payment was made. Goods and/or Services delivered pursuant to this Agreement that do not conform to the requirements of this Agreement may be rejected by City and in such case must be replaced by Contractor without delay at no cost to the City.

3.3.3 Withhold Payments. If Contractor fails to provide goods and/or Services in accordance with Contractor's obligations under this Agreement, the City may withhold any and all payments due Contractor until such failure to perform is cured, and Contractor shall not stop work as a result of City's withholding of payments as provided herein.

3.3.4 Invoice Format. Invoices furnished by Contractor under this Agreement must be in a form acceptable to the Controller, the SFPUC and City and include a unique invoice number and a specific invoice date. Payment shall be made by City as specified in Section 3.3.8, or in such alternate manner as the Parties have mutually agreed upon in writing. Invoices that do not include all required information or contain inaccurate information will not be processed for payment.

3.3.5 LBE Payment and Utilization Tracking System. If LBE Subcontracting Participation Requirements apply to a Contract awarded pursuant to this Solicitation, the Awarded Contractor shall: (a) Within three (3) business days of City's payment of any invoice to Contractor, pay LBE subcontractors as provided under Chapter 14B.7(H)(9); and (b) Within ten (10) business days of City's payment of any invoice to Contractor, confirm its payment to subcontractors using the SFPUC's Online Invoice System (SOLIS), unless instructed otherwise by CMD. Failure to submit all required payment information to the SFPUC's System with each payment request may result in the withholding of 20% of subsequent payments due. Self-Service Training is located at this link: <https://sfcitypartnersfgov.org/pages/training.aspx>.

3.3.6 Getting paid by the City for Services.

(a) The City and County of San Francisco utilizes the Paymode-X[®] service offered by Bank of America Merrill Lynch to pay City contractors. Contractor must sign up to receive electronic payments to be paid under this Agreement. To sign up for electronic payments, visit http://portal.paymode.com/city_countyofsanfrancisco.

(b) At the option of the City, Contractor may be required to submit invoices directly in SOLIS. For access to SOLIS, submit a request through SFPUCVendorSupport@sfwater.org.

3.3.7 Subcontractor Prompt Payment. Except as otherwise required by Chapter 14B of the Administrative Code, and consistent with the provisions of Section 6.42(f) of the Administrative Code, Contractor shall pay its subcontractors within seven calendar days after receipt of each progress payment from the City, unless otherwise agreed to in writing by both Contractor and the subcontractor. In the event that there is a good faith dispute over all or any portion of the amount due on a progress payment from Contractor to a subcontractor, the Contractor may withhold the disputed amount, but shall pay the undisputed amount. If

Contractor violates the provisions of Section 6.42(f), then Contractor shall pay to the subcontractor directly the penalty specified in Section 6.42(f). This provision does not create a private right of action against the City.

3.3.8 Payment Terms.

(a) **Payment Due Date.** Unless City notifies the Contractor that a dispute exists, Payment shall be made within thirty (30) calendar days, measured from (1) the delivery of goods and/or the rendering of services or (2) the date of receipt of the invoice, whichever is later. Payment is deemed to be made on the date on which City has issued a check to Contractor or, if Contractor has agreed to electronic payment, the date on which City has posted electronic payment to Contractor.

(b) **Reserved (Payment Discount Terms).**

3.4 **Audit and Inspection of Records.** Contractor agrees to maintain and make available to the City, during regular business hours, accurate books and accounting records relating to its Services. Contractor will permit City to audit, examine and make excerpts and transcripts from such books and records, and to make audits of all invoices, materials, payrolls, records or personnel and other data related to all other matters covered by this Agreement, whether funded in whole or in part under this Agreement. Contractor shall maintain such data and records in an accessible location and condition for a period of not less than five years after final payment under this Agreement or until after final audit has been resolved, whichever is later. The State of California or any Federal agency having an interest in the subject matter of this Agreement shall have the same rights as conferred upon City by this Section. Contractor shall include the same audit and inspection rights and record retention requirements in all subcontracts.

3.5 **Submitting False Claims.** Pursuant to Article V of Chapter 6 of the Administrative Code, any contractor, subcontractor, supplier, consultant or subconsultant who submits a false claim may be subject to monetary penalties, investigation and prosecution and may be declared an irresponsible bidder or an unqualified consultant and debarred as set forth in that Article. A contractor, subcontractor, supplier, consultant or sub consultant will be deemed to have submitted a false claim to the City if the contractor, subcontractor, supplier, consultant or subconsultant: (a) knowingly presents or causes to be presented to an officer or employee of the City a false claim or request for payment or approval; (b) knowingly makes, uses, or causes to be made or used a false record or statement to get a false claim paid or approved by the City; (c) conspires to defraud the City by getting a false claim allowed or paid by the City; (d) knowingly makes, uses, or causes to be made or used a false record or statement to conceal, avoid, or decrease an obligation to pay or transmit money or property to the City; or (e) is a beneficiary of an inadvertent submission of a false claim to the City, subsequently discovers the falsity of the claim, and fails to disclose the false claim to the City within a reasonable time after discovery of the false claim.

3.6 Payment of Prevailing Wages.

3.6.1 **Covered Services.** Services to be performed by Contractor under this Agreement may involve the performance of trade work covered by the provisions of Section 6.22(e) [Prevailing Wages] of the Administrative Code (collectively, “Covered Services”). The provisions of Section 6.22(e) of the Administrative Code are incorporated as provisions of this Agreement as if fully set forth herein and will apply to any Covered Services performed by Contractor and its subcontractors.

3.6.2 **Wage Rates.** The latest prevailing wage rates for private employment on public contracts as determined by the San Francisco Board of Supervisors and the Director of the California Department of Industrial Relations, as such prevailing wage rates may be changed during the term of this Agreement, are hereby incorporated as provisions of this Agreement. Copies of the prevailing wage rates as fixed and determined by the Board of Supervisors are available from the Office of Labor Standards and Enforcement (“OLSE”) and are also available on the Internet at <http://www.dir.ca.gov/DLSR/PWD>. Contractor agrees that it shall pay not less than the prevailing wage rates, as fixed and determined by the Board, to all workers employed by Contractor who perform Covered Services under this Agreement.

3.6.3 **Subcontract Requirements.** As required by Section 6.22(e)(5) of the Administrative Code, Contractor shall insert in every subcontract or other arrangement, which it may make for the performance of Covered Services under this Agreement, a provision that said subcontractor shall pay to all persons performing labor in connection with Covered Services under said subcontract or other arrangement not less than the highest general prevailing rate of wages as fixed and determined by the Board of Supervisors for such labor or services.

3.6.4 **Posted Notices.** As required by Section 1771.4 of the California Labor Code, Contractor shall post job site notices prescribed by the California Department of Industrial Relations (“DIR”) at all job sites where services covered by Chapter 6.22 are to be performed.

3.6.5 **Payroll Records.** As required by Section 6.22(e)(6) of the Administrative Code and Section 1776 of the California Labor Code, Contractor shall keep or cause to be kept complete and accurate payroll records for all trade workers performing Covered Services. Such records shall include the name, address and social security number of each worker who provided Covered Services on the project, including apprentices, his or her classification, a general description of the services each worker performed each day, the rate of pay (including rates of contributions for, or costs assumed to provide fringe benefits), daily and weekly number of hours worked, deductions made and actual wages paid. Every subcontractor who shall undertake the performance of any part of Covered Services shall keep a like record of each person engaged in the execution of Covered Services under the subcontract. All such records shall at all times be available for inspection of and examination by the City and its authorized representatives and the DIR.

3.6.6 **Certified Payrolls.** Certified payrolls shall be prepared pursuant to Administrative Code Section 6.22(e)(6) and California Labor Code Section 1776 for the period involved for all employees, including those of subcontractors, who performed labor in connection with Covered Services. Contractor and each subcontractor performing Covered Services shall submit certified payrolls to the City and to the DIR electronically. Contractor shall submit payrolls to the City via the reporting system selected by the City. The DIR will

specify how to submit certified payrolls to it. The City will provide basic training in the use of the reporting system at a scheduled training session. Contractor and all subcontractors that will perform Covered Services must attend the training session. Contractor and applicable subcontractors shall comply with electronic certified payroll requirements (including training) at no additional cost to the City.

3.6.7 Compliance Monitoring. Covered Services to be performed under this Agreement are subject to compliance monitoring and enforcement of prevailing wage requirements by the DIR and /or the OLSE. Contractor and any subcontractors performing Covered Services will cooperate fully with the DIR and/or the OLSE and other City employees and agents authorized to assist in the administration and enforcement of the prevailing wage requirements, and agrees to take the specific steps and actions as required by Section 6.22(e)(7) of the Administrative Code. Steps and actions include but are not limited to requirements that: (i) the Contractor will cooperate fully with the Labor Standards Enforcement Officer and other City employees and agents authorized to assist in the administration and enforcement of the Prevailing Wage requirements and other labor standards imposed on Public Works Contractor by the Charter and Chapter 6 of the San Francisco Administrative Code; (ii) the Contractor agrees that the Labor Standards Enforcement Officer and his or her designees, in the performance of their duties, shall have the right to engage in random inspections of job sites and to have access to the employees of the Contractor, employee time sheets, inspection logs, payroll records and employee paychecks; (iii) the contractor shall maintain a sign-in and sign-out sheet showing which employees are present on the job site; (iv) the Contractor shall prominently post at each job-site a sign informing employees that the project is subject to the City's Prevailing Wage requirements and that these requirements are enforced by the Labor Standards Enforcement Officer; and (v) that the Labor Standards Enforcement Officer may audit such records of the Contractor as he or she reasonably deems necessary to determine compliance with the Prevailing Wage and other labor standards imposed by the Charter and this Chapter on Public Works Contractors. Failure to comply with these requirements may result in penalties and forfeitures consistent with analogous provisions of the California Labor Code, including Section 1776(g), as amended from time to time.

3.6.8 Remedies. Should Contractor, or any subcontractor who shall undertake the performance of any Covered Services, fail or neglect to pay to the persons who perform Covered Services under this Contract, subcontract or other arrangement for the Covered Services, the general prevailing rate of wages as herein specified, Contractor shall forfeit, and in the case of any subcontractor so failing or neglecting to pay said wage, Contractor and the subcontractor shall jointly and severally forfeit, back wages due plus the penalties set forth in Administrative Code Section 6.22 (e) and/or California Labor Code Section 1775. The City, when certifying any payment which may become due under the terms of this Agreement, shall deduct from the amount that would otherwise be due on such payment the amount of said forfeiture.

3.7 Apprentices.

3.7.1 Contractor and its subcontractors of every tier that provide Covered Services under this Agreement (as defined in Section 10.20 above) shall, as a material term of the Agreement, comply with the requirements of the State Apprenticeship Program (as set forth

in the California Labor Code, Division 3, Chapter 4 [commencing at Section 3070], and Section 1777.5 of the Labor Code) and Administrative Code Section 6.22(n). Contractor shall be solely responsible for securing compliance with Labor Code Section 1777.5 for all apprenticeable occupations.

3.7.2 Contractor shall include in all of its subcontracts the obligation for subcontractors to comply with the requirements of the State Apprenticeship Program.

3.7.3 Should Contractor fail to comply with the apprenticeship requirements of Labor Code Section 1777.5, Contractor shall be subject to the penalties prescribed in Labor Code Section 1777.7. The interpretation and enforcement of Labor Code Section 1777.5 shall be in accordance with rules and procedures prescribed by the California Apprenticeship Council.

3.7.4 Contractor, if not signatory to a recognized apprenticeship training program under Labor Code, Chapter 4, shall provide to the City with all progress payment requests, starting with the second such request, satisfactory evidence that it has contributed to the appropriate apprenticeship fund(s). Contractor shall require its subcontractors who are not signatories to provide such evidence to the City as a condition precedent for qualifying for payment from the City.

3.7.5 Contractor shall comply with all requests by the City to provide proof that Contractor and all of its subcontractors at every tier providing Covered Services are in compliance with the State Apprenticeship Program, including proof that Contractor and all of its subcontractors at any tier providing Covered Services contributed to the appropriate apprenticeship fund(s).

Article 4 Services and Resources

4.1 **Services Contractor Agrees to Perform.** Contractor agrees to perform the Services stated in Appendix A, "Scope of Services." Officers and employees of the City are not authorized to request, and the City is not required to reimburse the Contractor for, Services beyond the Scope of Services listed in Appendix A, unless Appendix A is modified as provided in Section 11.5, "Modification of this Agreement."

4.2 Personnel.

4.2.1 **Qualified Personnel.** Contractor shall utilize only competent personnel under the supervision of, and in the employment of, Contractor (or Contractor's authorized subcontractors) to perform the Services. Contractor will comply with City's reasonable requests regarding assignment and/or removal of personnel, but all personnel, including those assigned at City's request, must be supervised by Contractor. Contractor shall commit adequate resources to allow timely completion within the project schedule specified in this Agreement.

4.3 Subcontracting.

4.3.1 Contractor may subcontract portions of the Services only upon prior written approval of City. Contractor is responsible for its subcontractors throughout the course of the work required to perform the Services. All Subcontracts must incorporate the terms of Article

10 “Additional Requirements Incorporated by Reference” of this Agreement, unless inapplicable. Neither Party shall, on the basis of this Agreement, contract on behalf of, or in the name of, the other Party. Any agreement made in violation of this provision shall be null and void.

4.3.2 City’s execution of this Agreement constitutes its approval of the subcontractors listed in Appendix B-1, Fee Schedule. Consistent with SFPUC policy, any modifications to the list of subcontractors must be effectuated via City’s approved invoice processing system, subject to the written approval of the City, and CMD, as needed.

4.4 Independent Contractor; Payment of Employment Taxes and Other Expenses.

4.4.1 **Independent Contractor.** For the purposes of this Section 4.4, “Contractor” shall be deemed to include not only Contractor, but also any agent or employee of Contractor. Contractor acknowledges and agrees that at all times, Contractor or any agent or employee of Contractor shall be deemed at all times to be an independent contractor and is wholly responsible for the manner in which it performs the services and work requested by City under this Agreement. Contractor, its agents, and employees will not represent or hold themselves out to be employees of the City at any time. Contractor or any agent or employee of Contractor shall not have employee status with City, nor be entitled to participate in any plans, arrangements, or distributions by City pertaining to or in connection with any retirement, health or other benefits that City may offer its employees. Contractor or any agent or employee of Contractor is liable for the acts and omissions of itself, its employees and its agents. Contractor shall be responsible for all obligations and payments, whether imposed by federal, state or local law, including, but not limited to, FICA, income tax withholdings, unemployment compensation, insurance, and other similar responsibilities related to Contractor’s performing services and work, or any agent or employee of Contractor providing same. Nothing in this Agreement shall be construed as creating an employment or agency relationship between City and Contractor or any agent or employee of Contractor. Any terms in this Agreement referring to direction from City shall be construed as providing for direction as to policy and the result of Contractor’s work only, and not as to the means by which such a result is obtained. City does not retain the right to control the means or the method by which Contractor performs work under this Agreement. Contractor agrees to maintain and make available to City, upon request and during regular business hours, accurate books and accounting records demonstrating Contractor’s compliance with this Section. Should City determine that Contractor, or any agent or employee of Contractor, is not performing in accordance with the requirements of this Agreement, City shall provide Contractor with written notice of such failure. Within five (5) business days of Contractor’s receipt of such notice, and in accordance with Contractor policy and procedure, Contractor shall remedy the deficiency. Notwithstanding, if City believes that an action of Contractor, or any agent or employee of Contractor, warrants immediate remedial action by Contractor, City shall contact Contractor and provide Contractor in writing with the reason for requesting such immediate action.

4.4.2 **Payment of Employment Taxes and Other Expenses.** Should City, in its discretion, or a relevant taxing authority such as the Internal Revenue Service or the State

Employment Development Division, or both, determine that Contractor is an employee for purposes of collection of any employment taxes, the amounts payable under this Agreement shall be reduced by amounts equal to both the employee and employer portions of the tax due (and offsetting any credits for amounts already paid by Contractor which can be applied against this liability). City shall then forward those amounts to the relevant taxing authority. Should a relevant taxing authority determine a liability for past services performed by Contractor for City, upon notification of such fact by City, Contractor shall promptly remit such amount due or arrange with City to have the amount due withheld from future payments to Contractor under this Agreement (again, offsetting any amounts already paid by Contractor which can be applied as a credit against such liability). A determination of employment status pursuant to this Section 4.4 shall be solely limited to the purposes of the particular tax in question, and for all other purposes of this Agreement, Contractor shall not be considered an employee of City. Notwithstanding the foregoing, Contractor agrees to indemnify and save harmless City and its officers, agents and employees from, and, if requested, shall defend them against any and all claims, losses, costs, damages, and expenses, including attorneys' fees, arising from this Section.

4.5 **Assignment.** The Services to be performed by Contractor are personal in character. Neither this Agreement, nor any duties or obligations hereunder, may be directly or indirectly assigned, novated, hypothecated, transferred, or delegated by Contractor, or, where the Contractor is a joint venture, a joint venture partner, (collectively referred to as an "Assignment") unless first approved by City by written instrument executed and approved in the same manner as this Agreement in accordance with the Administrative Code. The City's approval of any such Assignment is subject to the Contractor demonstrating to City's reasonable satisfaction that the proposed transferee is: (i) reputable and capable, financially and otherwise, of performing each of Contractor's obligations under this Agreement and any other documents to be assigned, (ii) not forbidden by applicable law from transacting business or entering into contracts with City; and (iii) subject to the jurisdiction of the courts of the State of California. A change of ownership or control of Contractor or a sale or transfer of substantially all of the assets of Contractor shall be deemed an Assignment for purposes of this Agreement. Contractor shall immediately notify City about any Assignment. Any purported Assignment made in violation of this provision shall be null and void.

4.6 **Warranty.** Contractor warrants to City that the Services will be performed with the degree of skill and care that is required by current, good and sound professional procedures and practices, and in conformance with generally accepted professional standards prevailing at the time the Services are performed so as to ensure that all Services performed are correct and appropriate for the purposes contemplated in this Agreement.

Article 5 Insurance and Indemnity

5.1 Insurance.

5.1.1 **Required Coverages.** Without in any way limiting Contractor's liability pursuant to the "Indemnification" section of this Agreement, Contractor must maintain in force, during the full term of the Agreement, insurance in the following amounts and coverages:

(a) Commercial General Liability Insurance with limits not less than \$3,000,000 each occurrence for Bodily Injury and Property Damage, including Contractual Liability, Personal Injury, Products and Completed Operations.

(b) Commercial Automobile Liability Insurance with limits not less than \$1,000,000 each occurrence, "Combined Single Limit" for Bodily Injury and Property Damage, including Owned, Non-Owned and Hired auto coverage, as applicable.

(c) Workers' Compensation, in statutory amounts, with Employers' Liability Limits not less than **\$1,000,000** each accident, injury, or illness.

(d) Professional Liability Insurance, applicable to Contractor's profession, with limits not less than **\$10,000,000** for each claim with respect to negligent acts, errors or omissions in connection with the Services.

(e) Reserved. (Technology Errors and Omissions Liability coverage)

(f) Reserved. (Cyber and Privacy Insurance)

5.1.2 **Additional Insured Endorsements.**

(a) The Commercial General Liability policy must be endorsed to name as Additional Insured the City and County of San Francisco, its Officers, Agents, and Employees.

(b) The Commercial Automobile Liability Insurance policy must be endorsed to name as Additional Insured the City and County of San Francisco, its Officers, Agents, and Employees.

(c) Reserved. (The Commercial Automobile Liability Insurance)

5.1.3 **Waiver of Subrogation Endorsements.**

(a) The Workers' Compensation policy(ies) shall be endorsed with a waiver of subrogation in favor of the City for all work performed by the Contractor, its employees, agents and subcontractors.

5.1.4 **Primary Insurance Endorsements.**

(a) The Commercial General Liability policy shall provide that such policies are primary insurance to any other insurance available to the Additional Insureds, with respect to any claims arising out of this Agreement, and that the insurance applies separately to each insured against whom claim is made or suit is brought.

(b) The Commercial Automobile Liability Insurance policy shall provide that such policies are primary insurance to any other insurance available to the Additional Insureds, with respect to any claims arising out of this Agreement, and that the insurance applies separately to each insured against whom claim is made or suit is brought.

(c) Reserved. (The Pollution Liability Insurance Endorsement)

5.1.5 Other Insurance Requirements.

(a) Thirty (30) days' advance written notice shall be provided to the City of cancellation, intended non-renewal, or reduction in coverages, except for non-payment for which no less than ten (10) days' notice shall be provided to City. Notices shall be sent to the City address set forth in Section 11.1 entitled "Notices to the Parties."

(b) Should any of the required insurance be provided under a claims-made form, Contractor shall maintain such coverage continuously throughout the term of this Agreement and, without lapse, for a period of three years beyond the expiration of this Agreement, to the effect that, should occurrences during the Agreement term give rise to claims made after expiration of the Agreement, such claims shall be covered by such claims-made policies.

(c) Should any of the required insurance be provided under a form of coverage that includes a general annual aggregate limit or provides that claims investigation or legal defense costs be included in such general annual aggregate limit, such general annual aggregate limit shall be double the occurrence or claims limits specified above.

(d) Should any required insurance lapse during the term of this Agreement, requests for payments originating after such lapse shall not be processed until the City receives satisfactory evidence of reinstated coverage as required by this Agreement, effective as of the lapse date. If insurance is not reinstated, the City may, at its sole option, terminate this Agreement effective on the date of such lapse of insurance.

(e) Before commencing any Services, Contractor shall furnish to City certificates of insurance and additional insured policy endorsements with insurers with ratings comparable to A-, VIII or higher, that are authorized to do business in the State of California, and that are satisfactory to City, in form evidencing all coverages set forth above. Approval of the insurance by City shall not relieve or decrease Contractor's liability hereunder.

(f) If Contractor will use any subcontractor(s) to provide Services, Contractor shall require the subcontractor(s) to provide all necessary insurance and to name the City and County of San Francisco, its officers, agents and employees and the Contractor as additional insureds.

5.2 Indemnification and Defense Obligations For Design Professionals.

5.2.1 **Defense Obligations.** To the fullest extent permitted by law, Contractor shall, following a tender of defense from City, assume the immediate defense of (with legal counsel subject to approval of the City), the City, its boards, commissions, officers, and employees (collectively "Indemnitees"), from and against any and all claims, losses, costs, damages, expenses and liabilities of every kind, nature, and description including, without limitation, injury to or death of any person(s) and incidental and consequential damages (collectively "Damages"), court costs, attorneys' fees, litigation expenses, fees of expert consultants or witnesses in litigation, and costs of investigation (collectively "Litigation

Expenses”), that arise out of, pertain to, or relate to, directly or indirectly, in whole or in part, the alleged negligence, recklessness, or willful misconduct of Contractor, any subconsultant, anyone directly or indirectly employed by them, or anyone that they control (collectively, “Liabilities”). City will reimburse Contractor for the proportionate percentage of defense costs exceeding Contractor’s proportionate percentage of fault as determined by a Court of competent jurisdiction.

5.2.2 Indemnity Obligations. To the fullest extent permitted by law, Contractor shall indemnify and hold harmless Indemnitees from and against any and all Liabilities, including but not limited to those for Damages or Litigation Expenses specified in Section 5.2.1.

5.2.3 Copyright Infringement. Contractor shall also indemnify, defend and hold harmless all Indemnitees from all suits or claims for infringement of the patent rights, copyright, trade secret, trade name, trademark, service mark, or any other proprietary right of any person or persons in consequence of the use by the City, or any of its boards, commissions, officers, or employees of articles, work or deliverables supplied in the performance of Services. Infringement of patent rights, copyrights, or other proprietary rights in the performance of this Agreement, if not the basis for indemnification under the law, shall nevertheless be considered a material breach of contract.

5.2.4 Severability Clause Specific to Indemnification and/or Defense Obligations. To the extent any Court of competent jurisdiction or law invalidates any word, clause, phrase, or sentence herein that word, clause, phrase, or sentence, and no other portion, shall be deemed removed from this Section. All other words, clauses, phrases and/or sentences remain enforceable to the fullest extent permitted by law.

Article 6 Liability of the Parties

6.1 Liability of City. CITY’S PAYMENT OBLIGATIONS UNDER THIS AGREEMENT SHALL BE LIMITED TO THE PAYMENT OF THE COMPENSATION PROVIDED FOR IN SECTION 3.3.1, “CALCULATION OF CHARGES,” OF THIS AGREEMENT. NOTWITHSTANDING ANY OTHER PROVISION OF THIS AGREEMENT, IN NO EVENT SHALL CITY BE LIABLE, REGARDLESS OF WHETHER ANY CLAIM IS BASED ON CONTRACT OR TORT, FOR ANY SPECIAL, CONSEQUENTIAL, INDIRECT OR INCIDENTAL DAMAGES, INCLUDING, BUT NOT LIMITED TO, LOST PROFITS, ARISING OUT OF OR IN CONNECTION WITH THIS AGREEMENT OR THE SERVICES PERFORMED IN CONNECTION WITH THIS AGREEMENT.

6.2 Liability for Use of Equipment. City shall not be liable for any damage to persons or property as a result of the use, misuse or failure of any equipment used by Contractor, or any of its subcontractors, or by any of their employees, even though such equipment is furnished, rented or loaned by City.

6.3 Liability for Incidental and Consequential Damages. Contractor shall be responsible for incidental and consequential damages resulting in whole or in part from Contractor’s acts or omissions.

Article 7 Payment of Taxes

7.1 **Contractor to Pay All Taxes.** Except for any applicable California sales and use taxes charged by Contractor to City, Contractor shall pay all taxes, including possessory interest taxes levied upon or as a result of this Agreement, or the Services delivered pursuant hereto. Contractor shall remit to the State of California any sales or use taxes paid by City to Contractor under this Agreement. Contractor agrees to promptly provide information requested by the City to verify Contractor's compliance with any State requirements for reporting sales and use tax paid by City under this Agreement.

7.2 **Possessory Interest Taxes.** Contractor acknowledges that this Agreement may create a "possessory interest" for property tax purposes. Generally, such a possessory interest is not created unless the Agreement entitles the Contractor to possession, occupancy, or use of City property for private gain. If such a possessory interest is created, then the following shall apply:

7.2.1 Contractor, on behalf of itself and any permitted successors and assigns, recognizes and understands that Contractor, and any permitted successors and assigns, may be subject to real property tax assessments on the possessory interest.

7.2.2 Contractor, on behalf of itself and any permitted successors and assigns, recognizes and understands that the creation, extension, renewal, or assignment of this Agreement may result in a "change in ownership" for purposes of real property taxes, and therefore may result in a revaluation of any possessory interest created by this Agreement. Contractor accordingly agrees on behalf of itself and its permitted successors and assigns to report on behalf of the City to the County Assessor the information required by Revenue and Taxation Code Section 480.5, as amended from time to time, and any successor provision.

7.2.3 Contractor, on behalf of itself and any permitted successors and assigns, recognizes and understands that other events also may cause a change of ownership of the possessory interest and result in the revaluation of the possessory interest. (see, e.g., Rev. & Tax. Code Section 64, as amended from time to time). Contractor accordingly agrees on behalf of itself and its permitted successors and assigns to report any change in ownership to the County Assessor, the State Board of Equalization or other public agency as required by law.

7.2.4 Contractor further agrees to provide such other information as may be requested by the City to enable the City to comply with any reporting requirements for possessory interests that are imposed by applicable law.

7.3 **Withholding.** Contractor agrees that it is obligated to pay all amounts due to the City under the San Francisco Business and Tax Regulations Code during the term of this Agreement. Pursuant to Section 6.10-2 of the San Francisco Business and Tax Regulations Code, Contractor further acknowledges and agrees that City may withhold any payments due to Contractor under this Agreement if Contractor is delinquent in the payment of any amount required to be paid to the City under the San Francisco Business and Tax Regulations Code. Any payments withheld under this paragraph shall be made to Contractor, without interest, upon Contractor coming back into compliance with its obligations.

Article 8 Termination and Default

8.1 Termination for Convenience.

8.1.1 City shall have the option, in its sole discretion, to terminate this Agreement, at any time during the term hereof, for convenience and without cause. City shall exercise this option by giving Contractor written notice of termination. The notice shall specify the date on which termination shall become effective.

8.1.2 Upon receipt of the notice of termination, Contractor shall commence and perform, with diligence, all actions necessary on the part of Contractor to effect the termination of this Agreement on the date specified by City and to minimize the liability of Contractor and City to third parties as a result of termination. All such actions shall be subject to the prior approval of City. Such actions may include any or all of the following, without limitation:

(a) Halting the performance of all Services under this Agreement on the date(s) and in the manner specified by City.

(b) Terminating all existing orders and subcontracts, and not placing any further orders or subcontracts for materials, Services, equipment or other items.

(c) At City's direction, assigning to City any or all of Contractor's right, title, and interest under the orders and subcontracts terminated. Upon such assignment, City shall have the right, in its sole discretion, to settle or pay any or all claims arising out of the termination of such orders and subcontracts.

(d) Subject to City's approval, settling all outstanding liabilities and all claims arising out of the termination of orders and subcontracts.

(e) Completing performance of any Services that City designates to be completed prior to the date of termination specified by City.

(f) Taking such action as may be necessary, or as the City may direct, for the protection and preservation of any property related to this Agreement which is in the possession of Contractor and in which City has or may acquire an interest.

8.1.3 Within 30 days after the specified termination date, Contractor shall submit to City an invoice, which shall set forth each of the following as a separate line item:

(a) The reasonable cost to Contractor, without profit, for all Services prior to the specified termination date, for which Services City has not already tendered payment. Reasonable costs may include a reasonable allowance for actual overhead, not to exceed a total of 10% of Contractor's direct costs for Services. Any overhead allowance shall be separately itemized. Contractor may also recover the reasonable cost of preparing the invoice.

(b) A reasonable allowance for profit on the cost of the Services described in the immediately preceding subsection (a), provided that Contractor can establish, to the satisfaction of City, that Contractor would have made a profit had all Services under this Agreement been completed, and provided further, that the profit allowed shall in no event exceed 5% of such cost.

(c) The reasonable cost to Contractor of handling material or equipment returned to the vendor, delivered to the City or otherwise disposed of as directed by the City.

(d) A deduction for the cost of materials to be retained by Contractor, amounts realized from the sale of materials and not otherwise recovered by or credited to City, and any other appropriate credits to City against the cost of the Services or other work.

8.1.4 In no event shall City be liable for costs incurred by Contractor or any of its subcontractors after the termination date specified by City, except for those costs specifically listed in Section 8.1.3. Such non-recoverable costs include, but are not limited to, anticipated profits on the Services under this Agreement, post-termination employee salaries, post-termination administrative expenses, post-termination overhead or unabsorbed overhead, attorneys' fees or other costs relating to the prosecution of a claim or lawsuit, prejudgment interest, or any other expense which is not reasonable or authorized under Section 8.1.3.

8.1.5 In arriving at the amount due to Contractor under this Section, City may deduct: (i) all payments previously made by City for Services covered by Contractor's final invoice; (ii) any claim which City may have against Contractor in connection with this Agreement; (iii) any invoiced costs or expenses excluded pursuant to the immediately preceding subsection 8.1.4; and (iv) in instances in which, in the opinion of the City, the cost of any Service performed under this Agreement is excessively high due to costs incurred to remedy or replace defective or rejected Services, the difference between the invoiced amount and City's estimate of the reasonable cost of performing the invoiced Services in compliance with the requirements of this Agreement.

8.1.6 City's payment obligation under this Section shall survive termination of this Agreement.

8.2 Termination for Default; Remedies.

8.2.1 Each of the following shall constitute an immediate event of default ("Event of Default") under this Agreement:

(a) Contractor fails or refuses to perform or observe any term, covenant or condition contained in any of the following Sections of this Agreement:

3.5	Submitting False Claims	10.10	Alcohol and Drug-Free Workplace
4.5	Assignment	11.10	Compliance with Laws
Article 5	Insurance and Indemnity	Article 13	Data and Security
Article 7	Payment of Taxes		

(b) Contractor fails or refuses to perform or observe any other term, covenant or condition contained in this Agreement, including any obligation imposed by ordinance or statute and incorporated by reference herein, and such default is not cured within

ten days after written notice thereof from City to Contractor. If Contractor defaults a second time in the same manner as a prior default cured by Contractor, City may in its sole discretion immediately terminate the Agreement for default or grant an additional period not to exceed five days for Contractor to cure the default.

(c) Contractor (i) is generally not paying its debts as they become due; (ii) files, or consents by answer or otherwise to the filing against it of a petition for relief or reorganization or arrangement or any other petition in bankruptcy or for liquidation or to take advantage of any bankruptcy, insolvency or other debtors' relief law of any jurisdiction; (iii) makes an assignment for the benefit of its creditors; (iv) consents to the appointment of a custodian, receiver, trustee or other officer with similar powers of Contractor or of any substantial part of Contractor's property; or (v) takes action for the purpose of any of the foregoing.

(d) A court or government authority enters an order (i) appointing a custodian, receiver, trustee or other officer with similar powers with respect to Contractor or with respect to any substantial part of Contractor's property, (ii) constituting an order for relief or approving a petition for relief or reorganization or arrangement or any other petition in bankruptcy or for liquidation or to take advantage of any bankruptcy, insolvency or other debtors' relief law of any jurisdiction or (iii) ordering the dissolution, winding-up or liquidation of Contractor.

8.2.2 On and after any Event of Default, City shall have the right to exercise its legal and equitable remedies, including, without limitation, the right to terminate this Agreement or to seek specific performance of all or any part of this Agreement. In addition, where applicable, City shall have the right (but no obligation) to cure (or cause to be cured) on behalf of Contractor any Event of Default; Contractor shall pay to City on demand all costs and expenses incurred by City in effecting such cure, with interest thereon from the date of incurrence at the maximum rate then permitted by law. City shall have the right to offset from any amounts due to Contractor under this Agreement or any other agreement between City and Contractor: (i) all damages, losses, costs or expenses incurred by City as a result of an Event of Default; and (ii) any liquidated damages levied upon Contractor pursuant to the terms of this Agreement; and (iii), any damages imposed by any ordinance or statute that is incorporated into this Agreement by reference, or into any other agreement with the City. This Section 8.2.2 shall survive termination of this Agreement.

8.2.3 All remedies provided for in this Agreement may be exercised individually or in combination with any other remedy available hereunder or under applicable laws, rules and regulations. The exercise of any remedy shall not preclude or in any way be deemed to waive any other remedy. Nothing in this Agreement shall constitute a waiver or limitation of any rights that City may have under applicable law.

8.2.4 Any notice of default must be sent by registered mail to the address set forth in Article 11.

8.3 **Non-Waiver of Rights.** The omission by either Party at any time to enforce any default or right reserved to it, or to require performance of any of the terms, covenants, or

provisions hereof by the other Party at the time designated, shall not be a waiver of any such default or right to which the Party is entitled, nor shall it in any way affect the right of the Party to enforce such provisions thereafter.

8.4 Rights and Duties upon Termination or Expiration.

8.4.1 This Section and the following Sections of this Agreement listed below, shall survive termination or expiration of this Agreement:

3.3.2	Payment Limited to Satisfactory Services	9.1	Ownership of Results
3.4	Audit and Inspection of Records	9.2	Works for Hire
3.5	Submitting False Claims	11.6	Dispute Resolution Procedure
Article 5	Insurance and Indemnity	11.7	Agreement Made in California; Venue
6.1	Liability of City	11.8	Construction
6.3	Liability for Incidental and Consequential Damages	11.9	Entire Agreement
Article 7	Payment of Taxes	11.10	Compliance with Laws
8.1.6	Payment Obligation	11.11	Severability
		Article 13	Data and Security

8.4.2 Subject to the survival of the Sections identified in Section 8.4.1, above, if this Agreement is terminated prior to expiration of the term specified in Article 2, this Agreement shall be of no further force or effect. Contractor shall transfer title to City, and deliver in the manner, at the times, and to the extent, if any, directed by City, any work in progress, completed work, supplies, equipment, and other materials produced as a part of, or acquired in connection with the performance of this Agreement, and any completed or partially completed work which, if this Agreement had been completed, would have been required to be furnished to City.

Article 9 Rights In Deliverables

9.1 **Ownership of Results.** Any interest of Contractor or its subcontractors, in the Deliverables, including any drawings, plans, specifications, blueprints, studies, reports, memoranda, computation sheets, computer files and media or other documents prepared by Contractor or its subcontractors for the purposes of this Agreement, shall become the property of and will be transmitted to City. However, unless expressly prohibited elsewhere in this Agreement, Contractor may retain and use copies for reference and as documentation of its experience and capabilities.

9.2 **Works for Hire.** If, in connection with Services, Contractor or its subcontractors creates Deliverables including, without limitation, artwork, copy, posters, billboards,

photographs, videotapes, audiotapes, systems designs, software, reports, diagrams, surveys, blueprints, source codes, or any other original works of authorship, whether in digital or any other format, such works of authorship shall be works for hire as defined under Title 17 of the United States Code, and all copyrights in such works shall be the property of the City. If any Deliverables created by Contractor or its subcontractor(s) under this Agreement are ever determined not to be works for hire under U.S. law, Contractor hereby assigns all Contractor's copyrights to such Deliverables to the City, agrees to provide any material and execute any documents necessary to effectuate such assignment, and agrees to include a clause in every subcontract imposing the same duties upon subcontractor(s). With City's prior written approval, Contractor and its subcontractor(s) may retain and use copies of such works for reference and as documentation of their respective experience and capabilities.

Article 10 Additional Requirements Incorporated by Reference

10.1 Laws Incorporated by Reference. The full text of the laws listed in this Article 10, including enforcement and penalty provisions, are incorporated by reference into this Agreement. The full text of the San Francisco Municipal Code provisions incorporated by reference in this Article and elsewhere in the Agreement ("Mandatory City Requirements") are available at http://www.amlegal.com/codes/client/san-francisco_ca/.

10.2 Conflict of Interest. By executing this Agreement, Contractor certifies that it does not know of any fact which constitutes a violation of Section 15.103 of the City's Charter; Article III, Chapter 2 of City's Campaign and Governmental Conduct Code; Title 9, Chapter 7 of the California Government Code (Section 87100 *et seq.*), or Title 1, Division 4, Chapter 1, Article 4 of the California Government Code (Section 1090 *et seq.*), and further agrees promptly to notify the City if it becomes aware of any such fact during the term of this Agreement.

10.3 Prohibition on Use of Public Funds for Political Activity. In performing the Services, Contractor shall comply with San Francisco Administrative Code Chapter 12G, which prohibits funds appropriated by the City for this Agreement from being expended to participate in, support, or attempt to influence any political campaign for a candidate or for a ballot measure. Contractor is subject to the enforcement and penalty provisions in Chapter 12G.

10.4 Consideration of Salary History. Contractor shall comply with San Francisco Administrative Code Chapter 12K, the Consideration of Salary History Ordinance or "Pay Parity Act." Contractor is prohibited from considering current or past salary of an applicant in determining whether to hire the applicant or what salary to offer the applicant to the extent that such applicant is applying for employment to be performed on this Agreement or in furtherance of this Agreement, and whose application, in whole or part, will be solicited, received, processed or considered, whether or not through an interview, in the City or on City property. The ordinance also prohibits employers from (1) asking such applicants about their current or past salary or (2) disclosing a current or former employee's salary history without that employee's authorization unless the salary history is publicly available. Contractor is subject to the enforcement and penalty provisions in Chapter 12K. Information about and the text of Chapter 12K is available on the web at <https://sfgov.org/olse/consideration-salary-history>. Contractor is required to comply with all of the applicable provisions of 12K, irrespective of the listing of obligations in this Section.

10.5 Nondiscrimination Requirements.

10.5.1 Nondiscrimination in Contracts. Contractor shall comply with the provisions of Chapters 12B and 12C of the San Francisco Administrative Code. Contractor shall incorporate by reference in all subcontracts the provisions of Sections 12B.2(a), 12B.2(c)-(k), and 12C.3 of the San Francisco Administrative Code and shall require all subcontractors to comply with such provisions. Contractor is subject to the enforcement and penalty provisions in Chapters 12B and 12C.

10.5.2 Nondiscrimination in the Provision of Employee Benefits. San Francisco Administrative Code 12B.2. Contractor does not as of the date of this Agreement, and will not during the term of this Agreement, in any of its operations in San Francisco, on real property owned by San Francisco, or where work is being performed for the City elsewhere in the United States, discriminate in the provision of employee benefits between employees with domestic partners and employees with spouses and/or between the domestic partners and spouses of such employees, subject to the conditions set forth in San Francisco Administrative Code Section 12B.2.

10.6 Local Business Enterprise and Non-Discrimination in Contracting Ordinance. Contractor shall comply with all applicable provisions of Chapter 14B (“LBE Ordinance”). Contractor is subject to the enforcement and penalty provisions in Chapter 14B. **Contractor shall utilize LBE Subcontractors for at least 10% of the Services except as otherwise authorized in writing by the Director of CMD. Contractor shall incorporate the requirements of the LBE Ordinance in each subcontract made in the fulfillment of Contractor’s LBE subcontracting commitments.**

10.7 Minimum Compensation Ordinance. If Administrative Code Chapter 12P applies to this contract, Contractor shall pay covered employees no less than the minimum compensation required by San Francisco Administrative Code Chapter 12P, including a minimum hourly gross compensation, compensated time off, and uncompensated time off. Contractor is subject to the enforcement and penalty provisions in Chapter 12P. Information about and the text of the Chapter 12P is available on the web at <http://sfgov.org/olse/mco>. Contractor is required to comply with all of the applicable provisions of 12P, irrespective of the listing of obligations in this Section. By signing and executing this Agreement, Contractor certifies that it complies with Chapter 12P.

10.8 Health Care Accountability Ordinance. If Administrative Code Chapter 12Q applies to this contract, Contractor shall comply with the requirements of Chapter 12Q. For each Covered Employee, Contractor shall provide the appropriate health benefit set forth in Section 12Q.3 of the HCAO. If Contractor chooses to offer the health plan option, such health plan shall meet the minimum standards set forth by the San Francisco Health Commission. Information about and the text of the Chapter 12Q, as well as the Health Commission’s minimum standards, is available on the web at <http://sfgov.org/olse/hcao>. Contractor is subject to the enforcement and penalty provisions in Chapter 12Q. Any Subcontract entered into by Contractor shall require any Subcontractor with 20 or more employees to comply with the requirements of the HCAO and shall contain contractual obligations substantially the same as those set forth in this Section.

10.9 First Source Hiring Program. Contractor must comply with all of the provisions of the First Source Hiring Program, Chapter 83 of the San Francisco Administrative Code, that apply to this Agreement, and Contractor is subject to the enforcement and penalty provisions in Chapter 83.

10.10 Alcohol and Drug-Free Workplace. City reserves the right to deny access to, or require Contractor to remove from, City facilities personnel of any Contractor or subcontractor who City has reasonable grounds to believe has engaged in alcohol abuse or illegal drug activity which in any way impairs City's ability to maintain safe work facilities or to protect the health and well-being of City employees and the general public. City shall have the right of final approval for the entry or re-entry of any such person previously denied access to, or removed from, City facilities. Illegal drug activity means possessing, furnishing, selling, offering, purchasing, using or being under the influence of illegal drugs or other controlled substances for which the individual lacks a valid prescription. Alcohol abuse means possessing, furnishing, selling, offering, or using alcoholic beverages, or being under the influence of alcohol.

10.11 Limitations on Contributions. By executing this Agreement, Contractor acknowledges its obligations under Section 1.126 of the City's Campaign and Governmental Conduct Code, which prohibits any person who contracts with, or is seeking a contract with, any department of the City for the rendition of personal services, for the furnishing of any material, supplies or equipment, for the sale or lease of any land or building, for a grant, loan or loan guarantee, or for a development agreement, from making any campaign contribution to (i) a City elected official if the contract must be approved by that official, a board on which that official serves, or the board of a state agency on which an appointee of that official serves, (ii) a candidate for that City elective office, or (iii) a committee controlled by such elected official or a candidate for that office, at any time from the submission of a proposal for the contract until the later of either the termination of negotiations for such contract or twelve months after the date the City approves the contract. The prohibition on contributions applies to each prospective party to the contract; each member of Contractor's board of directors; Contractor's chairperson, chief executive officer, chief financial officer and chief operating officer; any person with an ownership interest of more than 10% in Contractor; any subcontractor listed in the bid or contract; and any committee that is sponsored or controlled by Contractor. Contractor certifies that it has informed each such person of the limitation on contributions imposed by Section 1.126 by the time it submitted a proposal for the contract, and has provided the names of the persons required to be informed to the City department with whom it is contracting.

10.12 Reserved. (Slavery Era Disclosure.)

10.13 Reserved. (Working with Minors.)

10.14 Consideration of Criminal History in Hiring and Employment Decisions.

10.14.1 Contractor agrees to comply fully with and be bound by all of the provisions of Chapter 12T, "City Contractor/Subcontractor Consideration of Criminal History in Hiring and Employment Decisions," of the San Francisco Administrative Code ("Chapter 12T"), including the remedies provided, and implementing regulations, as may be amended from time to time. The provisions of Chapter 12T are incorporated by reference and made a part of this

Agreement as though fully set forth herein. The text of the Chapter 12T is available on the web at <http://sfgov.org/olse/fco>. Contractor is required to comply with all of the applicable provisions of 12T, irrespective of the listing of obligations in this Section. Capitalized terms used in this Section and not defined in this Agreement shall have the meanings assigned to such terms in Chapter 12T.

10.14.2 The requirements of Chapter 12T shall only apply to a Contractor's or Subcontractor's operations to the extent those operations are in furtherance of the performance of this Agreement, shall apply only to applicants and employees who would be or are performing work in furtherance of this Agreement, and shall apply when the physical location of the employment or prospective employment of an individual is wholly or substantially within the City of San Francisco. Chapter 12T shall not apply when the application in a particular context would conflict with federal or state law or with a requirement of a government agency implementing federal or state law.

10.15 Reserved. (Public Access to Nonprofit Records and Meetings.)

10.16 Food Service Waste Reduction Requirements. Contractor shall comply with the Food Service Waste Reduction Ordinance, as set forth in San Francisco Environment Code Chapter 16, including but not limited to the remedies for noncompliance provided therein.

10.17 Reserved. (Distribution of Beverages and Water.)

10.18 Tropical Hardwood and Virgin Redwood Ban. Pursuant to San Francisco Environment Code Section 804(b), the City urges Contractor not to import, purchase, obtain, or use for any purpose, any tropical hardwood, tropical hardwood wood product, virgin redwood or virgin redwood wood product.

10.19 Reserved. (Preservative Treated Wood Products.)

Article 11 General Provisions

11.1 Notices to the Parties. Unless otherwise indicated in this Agreement, all written communications sent by the Parties may be by U.S. mail or e-mail, and shall be addressed as follows:

To City: Garrett Low, Engineering Management Bureau, San Francisco Public Utilities Commission, 525 Golden Gate Ave, 11th floor San Francisco, CA 94102, glow@sfwater.org

To Contractor: Tony Park Vice President, 1550 Parkside Drive #320, Walnut Creek, CA 94596, 1550 Parkside Drive #320, Walnut Creek, CA 94596

Any notice of default must be sent by registered mail or other trackable overnight mail. Either Party may change the address to which notice is to be sent by giving written notice thereof to the other Party. If email notification is used, the sender must specify a receipt notice.

11.2 Compliance with Americans with Disabilities Act. Contractor shall provide the Services in a manner that complies with the Americans with Disabilities Act (ADA), including but not limited to Title II's program access requirements, and all other applicable federal, state and local disability rights legislation.

11.3 Incorporation of Recitals. The matters recited above are hereby incorporated into and made part of this Agreement.

11.4 Sunshine Ordinance. Contractor acknowledges that this Agreement and all records related to its formation, Contractor's performance of Services, and City's payment are subject to the California Public Records Act, (California Government Code §6250 et. seq.), and the San Francisco Sunshine Ordinance, (San Francisco Administrative Code Chapter 67). Such records are subject to public inspection and copying unless exempt from disclosure under federal, state or local law.

11.5 Modification of this Agreement. This Agreement may not be modified, nor may compliance with any of its terms be waived, except as noted in Section 11.1, "Notices to Parties," regarding change in personnel or place, and except by written instrument executed and approved in the same manner as this Agreement. Contractor shall cooperate with Department to submit to the Director of CMD any amendment, modification, supplement or change order that would result in a cumulative increase of the original amount of this Agreement by more than 20% (CMD Contract Modification Form).

11.6 Dispute Resolution Procedure.

11.6.1 Reserved. (Negotiation; Alternative Dispute Resolution)

11.6.2 Government Code Claim Requirement. No suit for money or damages may be brought against the City until a written claim therefor has been presented to and rejected by the City in conformity with the provisions of San Francisco Administrative Code Chapter 10 and California Government Code Section 900, et seq. Nothing set forth in this Agreement shall operate to toll, waive or excuse Contractor's compliance with the California Government Code Claim requirements set forth in San Francisco Administrative Code Chapter 10 and California Government Code Section 900, et seq.

11.7 Agreement Made in California; Venue. The formation, interpretation and performance of this Agreement shall be governed by the laws of the State of California. Venue for all litigation relative to the formation, interpretation and performance of this Agreement shall be in San Francisco.

11.8 Construction. All paragraph captions are for reference only and shall not be considered in construing this Agreement.

11.9 Entire Agreement. This contract sets forth the entire Agreement between the Parties, and supersedes all other oral or written provisions. This Agreement may be modified only as provided in Section 11.5, "Modification of this Agreement."

11.10 Compliance with Laws. Contractor shall keep itself fully informed of the City's Charter, codes, ordinances and duly adopted rules and regulations of the City and of all state, and federal laws in any manner affecting the performance of this Agreement, and must at all times comply with such local codes, ordinances, and regulations and all applicable laws as they may be amended from time to time.

11.11 Severability. Should the application of any provision of this Agreement to any particular facts or circumstances be found by a court of competent jurisdiction to be invalid or unenforceable, then (i) the validity of other provisions of this Agreement shall not be affected or impaired thereby, and (ii) such provision shall be enforced to the maximum extent possible so as to effect the intent of the Parties and shall be reformed without further action by the Parties to the extent necessary to make such provision valid and enforceable.

11.12 Cooperative Drafting. This Agreement has been drafted through a cooperative effort of City and Contractor, and both Parties have had an opportunity to have the Agreement reviewed and revised by legal counsel. No Party shall be considered the drafter of this Agreement, and no presumption or rule that an ambiguity shall be construed against the Party drafting the clause shall apply to the interpretation or enforcement of this Agreement.

11.13 Order of Precedence. Contractor agrees to perform the services described below in accordance with the terms and conditions of this Agreement, implementing task orders, the RFP, and Contractor's proposal dated August 31, 2023. The RFP and Contractor's proposal are incorporated by reference as though fully set forth herein. Should there be a conflict of terms or conditions, this Agreement and any implementing task orders shall control over the RFP and the Contractor's proposal. If the Appendices to this Agreement include any standard printed terms from the Contractor, Contractor agrees that in the event of discrepancy, inconsistency, gap, ambiguity, or conflicting language between the City's terms and Contractor's printed terms attached, the City's terms shall take precedence, followed by the procurement issued by the department, Contractor's proposal, and Contractor's printed terms, respectively.

11.14 Notification of Legal Requests. Contractor shall immediately notify City upon receipt of any subpoenas, service of process, litigation holds, discovery requests and other legal requests ("Legal Requests") related to all data given to Contractor by City in the performance of this Agreement ("City Data" or "Data"), or which in any way might reasonably require access to City's Data, and in no event later than 24 hours after it receives the request. Contractor shall not respond to Legal Requests related to City without first notifying City other than to notify the requestor that the information sought is potentially covered under a non-disclosure agreement. Contractor shall retain and preserve City Data in accordance with the City's instruction and requests, including, without limitation, any retention schedules and/or litigation hold orders provided by the City to Contractor, independent of where the City Data is stored.

Article 12 Department Specific Terms

12.1 Reserved.

Article 13 Data and Security

13.1 Nondisclosure of Private, Proprietary or Confidential Information.

13.1.1 Protection of Private Information. If this Agreement requires City to disclose “Private Information” to Contractor within the meaning of San Francisco Administrative Code Chapter 12M, Contractor and subcontractor shall use such information only in accordance with the restrictions stated in Chapter 12M and in this Agreement and only as necessary in performing the Services. Contractor is subject to the enforcement and penalty provisions in Chapter 12M.

13.1.2 Confidential Information. In the performance of Services, Contractor may have access to City’s proprietary or Confidential Information, the disclosure of which to third parties may damage City. If City discloses proprietary or Confidential Information to Contractor, such information must be held by Contractor in confidence and used only in performing the Agreement. Contractor shall exercise the same standard of care to protect such information as a reasonably prudent contractor would use to protect its own proprietary or Confidential Information.

13.2 Reserved. (Payment Card Industry (“PCI”) Requirements.) Reserved. (Business Associate Agreement.)

13.3 Management of City Data and Confidential Information.

13.3.1 Use of City Data and Confidential Information. Contractor agrees to hold City’s Data received from, or collected on behalf of, the City, in strictest confidence. Contractor shall not use or disclose City’s Data except as permitted or required by the Agreement or as otherwise authorized in writing by the City. Any work using, or sharing or storage of, City’s Data outside the United States is subject to prior written authorization by the City. Access to City’s Data must be strictly controlled and limited to Contractor’s staff assigned to this project on a need-to-know basis only. Contractor is provided a limited non-exclusive license to use the City Data solely for performing its obligations under the Agreement and not for Contractor’s own purposes or later use. Nothing herein shall be construed to confer any license or right to the City Data or Confidential Information, by implication, estoppel or otherwise, under copyright or other intellectual property rights, to any third-party. Unauthorized use of City Data by Contractor, subcontractors or other third-parties is prohibited. For purpose of this requirement, the phrase “unauthorized use” means the data mining or processing of data, stored or transmitted by the service, for commercial purposes, advertising or advertising-related purposes, or for any purpose other than security or service delivery analysis that is not explicitly authorized.

13.3.2 Disposition of Confidential Information. Upon request of City or termination or expiration of this Agreement, and pursuant to any document retention period required by this Agreement, Contractor shall promptly, but in no event later than thirty (30) calendar days, return all data given to or collected by Contractor on City’s behalf, which includes all original media. Once Contractor has received written confirmation from City that City’s Data has been successfully transferred to City, Contractor shall within ten (10) business days clear or purge all City Data from its servers, any hosted environment Contractor has used in performance of this Agreement, including its subcontractors’ environment(s), work stations that were used to process the data or for production of the data, and any other work files stored by Contractor in whatever medium. Contractor shall provide City with written certification that such purge

occurred within five (5) business days of the purge. Secure disposal shall be accomplished by “clearing,” “purging” or “physical destruction,” in accordance with National Institute of Standards and Technology (NIST) Special Publication 800-88 or most current industry standard.

13.4 Ownership of City Data. The Parties agree that as between them, all rights, including all intellectual property rights, in and to the City Data and any derivative works of the City Data is the exclusive property of the City.

Article 14 MacBride And Signature

14.1 MacBride Principles - Northern Ireland. The provisions of San Francisco Administrative Code §12F are incorporated herein by this reference and made part of this Agreement. By signing this Agreement, Contractor confirms that Contractor has read and understood that the City urges companies doing business in Northern Ireland to resolve employment inequities and to abide by the MacBride Principles, and urges San Francisco companies to do business with corporations that abide by the MacBride Principles.

IN WITNESS WHEREOF, the Parties hereto have executed this Agreement on the day first mentioned above.

CITY

CONTRACTOR

LEE + RO and AGS Joint Venture

DocuSigned by:
Ronald Flynn on behalf of
53A9ABB2667E4F6...
Dennis J. Herrera
General Manager
San Francisco Public Utilities Commission

DocuSigned by:
Tony Park
09E0A2E7400A824...
Tony Park
Vice President

City Supplier Number: 0000054930

Approved as to Form:

David Chiu
City Attorney

By: DocuSigned by:
Randy Parent by Randall Parent for
0BC11F915778910...
Tyson Arbuthnot
Deputy City Attorney

Appendices

- A: Scope of Services
- B: Calculation of Charges
- B-1: Fee Schedule

Appendix A Scope of Services

1. Description of Services. Contractor agrees to perform the following Services:

The Contractor shall work under the direction of the SFPUC to provide engineering planning and engineering design services for the Emergency Firefighting Water System (EFWS) and the Linear Asset Management Program (LAMP). Some assignments may require Contractor engineering staff to be integrated into the SFPUC project team.

Further, it is anticipated that a California-licensed Mechanical Engineer shall be stationed at SFPUC's headquarters, up to 50% of the time, throughout the Agreement. This arrangement may change at SFPUC's sole discretion.

- **Tasks**

A. When SFPUC issues Task Orders for services on a specific project, SFPUC will provide the Contractor with current available project information. The Contractor may expand upon this description of work and/or add tasks to fully identify work and work products in the Task Order. The Contractor shall form a qualified team and provide a detailed scope of work. All costs associated with the development of the detailed scope of work shall be borne by the Contractor.

B. SFPUC may request Contractor to perform engineering for the entire project or portions of the project. The SFPUC and Contractor will negotiate a final task order with a scope of work and a not-to-exceed fee for the Work and the schedule for the Work pursuant to the terms of the Agreement.

C. The description provided for each task will include, as appropriate, the following information:

- Task-specific approach and associated work elements.
- Dependencies on/among other tasks (including activities of others and required key information);
- Responsible party within the Proposer(s) or JV Partners;
- Schedule for performance of the work;
- Proposed budget and work hours for all Contractor staff working on task; and
- Output/deliverables from the task.

D. The task scopes and descriptions shall be of such form and in such manner and detail as to divide the work up into manageable segments and shall facilitate straightforward input of the information into the SFPUC Work Breakdown Structure (WBS) and Project Scheduling Software Oracle's Primavera P6.

- **Detailed Description of Engineering Disciplines**

The Proposer(s) shall provide qualified personnel for the following engineering disciplines which may be required depending on the specific project needs. The Contractor shall be expected to provide other specialized personnel as required for the design of EFWS and the City's Water Distribution System facilities, namely water distribution and transmission pipelines, pump stations and its appurtenant facilities for the following services, including but not limited to:

A. Civil Engineering: Planning, design, analysis and evaluation including computer aided drafting of water pipelines, pump station sites and interior piping trenching, grading, road and slope stability analysis and design, curb ramps, and sidewalks..

B. Electrical Engineering: Planning, design and analysis for providing power distribution systems, grounding studies, SCADA, I&C, and communications.

C. Mechanical Engineering: Planning, design and analysis for pipelines, valves, gates, firefighting equipment such as hydrants, building HVAC, and pump station facilities.

D. Structural Engineering: Design and analysis of water pipelines, pump stations, and ancillary facilities (including concrete buildings, hydraulic structures, buried structures, equipment support and anchorage) including seismic upgrade and retrofit to the current codes and standards. Conduct computer modeling and calculations including finite element analyses.

E. Pipeline Engineering: Design, analysis, and evaluation of seismic requirements, pipe stresses, pipe welding and connections, and hydraulic analysis of pipeline transient pressures.

F. Geotechnical Engineering: Geotechnical investigations (including but not limited to standard penetration tests, deep borings, and geophysical investigations using specialized equipment) to determine potential geologic/geotechnical hazards, foundation conditions, and rock and soil properties. Recommend design pressures for static and seismic conditions; evaluate mitigation for geotechnical hazards.

G. Tunnel Engineering: Design installation of new and replacement or rehabilitation of existing underground infrastructure with minimal excavation, using trenchless installations such as microtunneling, directional boring, pipe ramming, pipe jacking, etc.

H. Hydraulic Engineering and Modeling: Perform hydraulic modeling, transient analysis, and computational fluid dynamics modeling to evaluate potential project design impacts, or investigate potential pipeline or facility problems. Analyze surge protection systems and perform hydraulic and transient analysis for operation of pump stations and valves; provide recommendations for and design surge protection elements.

I. Corrosion Engineering: Analyze and recommend protection for pipeline, tank, reservoir, and other structures; recommend coatings, lining, and surface preparations.

J. Transportation Engineering: Analyze and design traffic plans for construction routes and temporary traffic control.

K. Photogrammetry/Surveys: Surface and aerial photography and licensed surveying with the latest technology and equipment, as appropriate.

L. Quality Assurance Review: Quality Assurance Review of engineering documents, design criteria, calculations, design plans, and specifications.

M. Peer Review/Independent Technical Review: Provide review of designs prepared by others for projects of different scopes and sizes; provide recommendations on areas for project cost savings.

N. Utilities Mapping and Coordination: Survey and determine location of existing utilities, including buried electrical conduits inside water facilities, and ensure that there is no interference with projects.

O. Materials Testing/Special Inspections: Materials sampling and determination of material chemical and engineering properties; evaluation of hazardous materials; special inspection services of underground confined spaces (such as foundations and outlet tunnels) and submerged confined spaces using underwater divers and/or remote-controlled devices.

P. Cost Estimating: Cost estimation for construction of projects using local rates and current market conditions utilizing AACE guidelines.

Q. Scheduling: Prepare, analyze and update baseline construction schedules based on design plans and specifications.

R. Other Specialized Services: The Contractor may be requested to perform services other than specified in the Tasks above, including technology transfer or staff augmentation, but similar in nature to the general work described in this Agreement.

- **General Obligations**

All documents generated by the Contractor as part of the projects included in this Agreement must be in conformance with SFPUC standards and formats. For example, Contractor must prepare specification sections in accordance with the Construction Specifications Institute (CSI 2012).

Contractor must submit all deliverables, depending on type, separately in draft and final document format. Contractor must address all comments and/or issues raised during the review of draft documents in the final documents.

Review of work products will be performed by SFPUC with possible consultation from a Technical Advisory Panel comprised of independent experts and/or Contractors.

Based on the overall CEQA evaluation (performed by others), Contractor shall incorporate all applicable environmental mitigation requirements within the project boundaries in the design and construction contract documents (plans and specifications). Contractor shall also include as appropriate language to ensure construction contractor compliance with mitigation requirements contained in environmental review and permit documents.

Contractor shall provide construction schedules (in Project Scheduling Software Oracle's Primavera P6) at 35, 65 and 95 percent levels of design completion, showing major milestones and activities. The schedule shall be a reasonable representation of an average construction-contractor's plan of operation to complete the work. The schedule shall utilize the precedence diagramming method of network analysis and show a single critical path. The schedule and network diagram shall include, but not limited to, the following activities:

- Acquisition of key permits
- Major equipment procurement
- Major submittal review activities with Acquisition of key permits
- Major equipment procurement
- Major submittal review activities with at least two review cycles at two weeks to review and two weeks to resubmit
- Construction work activities
- Milestones and scheduling constraints
- Allow time for the contractor's equipment start-up and testing, material fabrication, mobilization, closeout, and demobilization.
- Required coordination activities by City-resources
- Other activities that a contractor would perform

The schedule shall clearly show predecessors and successors, start/finish dates based on an SFPUC-determined "notice-to-proceed" date. It shall also show City holidays and other non-work days (i.e. anticipated moratoriums, special events, etc.).

On a separate document, each activity shall be cross-referenced with a narrative description. Each activity shall also be referenced to an estimated cost and the resources used. The narrative shall describe the work in the activity and explain/justify the estimated cost, resources, and duration.

Contractor must submit all draft and final deliverables in ten (10) bound and one (1) unbound hard copies and one (1) digital copy supplied, unless otherwise specified. All digital deliverables shall be in the latest version of the applicable software, and the Contractor shall upload to SFPUC-designated SharePoint site. SFPUC will also periodically request Contractor to upload progress prints for all deliverables to SFPUC-designated SharePoint site.

Where interim submittals for review are called for at Needs Assessment, Alternative Analysis Report, Conceptual Engineering Report, 35% Design, 65% Design, 95% Design and 100%

Design, Contractor must submit a red-marked copy showing checker comments as proof of Quality Assurance/Quality Control (QA/QC) adherence.

For the 100% (Final) Design submittal, Contractor must also include one (1) reproducible master set of the construction documents and one (1) bonded paper set for SFPUC signatures. Contractor shall scan the full-size set (with SFPUC signatures) to produce full-size and half-size documents for construction bid purposes. Contractor shall also provide one (1) digital copy in Adobe Acrobat PDF, AutoCAD, and MS Word. All digital deliverables shall be in the latest version of the applicable software, shall include all documents in both native and PDF file format, and shall be uploaded to SFPUC-designated SharePoint site. Native file format for drawings and specifications shall be AutoCAD and MS Word, respectively. Specifications shall be searchable in PDF format.

Contractor must submit drawings as ten (10) half-size bound copies. Digital copies must include required drawings in AutoCAD 2022, AutoCAD Civil 3D 2022, Revit 2022 and Adobe Acrobat PDF format and required specifications and design reports in MS Word and Adobe Acrobat or Bluebeam PDF formats. The following descriptions below indicate the content of those interim design submittals to be presented to the SFPUC.

A. Needs Assessment Report

Documents shall encompass the following:

- Preliminary performance standards/criteria
- Draft Needs Definition (includes identification of problem(s)/issue(s) to be resolved by the capital project)
- Preliminary or Updated Facility Condition Assessment
- Review of data collected/studies performed
- Identification of data gaps and recommendations for studies and/or investigations to fill the data gaps (e.g., geotechnical, geologic, seismic, hydrology, hydraulics, others)
- List of reference documents/drawings
- A discussion of ideas, potential solutions, and preliminary screening
- Further details on alternatives surviving preliminary screening
- Estimated cost and schedule for each surviving alternative
- Points of contact

B. Alternatives Analysis Report

Documents shall encompass the following, as applicable for each pipeline/pump station project:

- Condition of existing related assets
- Operating Philosophy
- Performance criteria
- Permitting Issues
- Alternatives Descriptions
- Water Quality/Water Treatment/Wastewater Treatment Issues
- Hydrology/Hydraulic Issues
- Environmental Issues
- Legal Issues
- Geotechnical/geologic Issues
- Static and seismic stress analyses/criteria
- Seepage analyses/criteria
- Foundation conditions/criteria
- Seismic conditions/criteria
- Static and seismic stability and deformation analyses
- Right of Way
- Utility and Other Agency(ies) Coordination
- Instrumentation and monitoring criteria
- Cost, an AACE Class 5 construction cost estimate, and Schedule
- Alternatives Evaluation

C. Conceptual Engineering (10% Design)

Documents shall encompass the following:

- Project scope definition

- Updated performance standards/criteria
- Practical and technical approaches to fulfill project objectives
- As-built information, site plans and preliminary alignment (plans)
- Critical constraints for recommended option
- Comprehensive hydraulic analysis
- Updated static and seismic stability, seepage, stress and deformation analyses, as applicable
- Process operating descriptions and O&M control strategies
- Computational Fluid Dynamics (CFD) modeling, if required
- Facility process flow diagram
- Construction sequencing
- Construction analysis and technical memorandum with construction schedule
- Preliminary risk register with recommendations for risk mitigation, as applicable
- Summary of design approach
- Drawing list, work plan, construction schedule, and an AACE Class 4 construction cost estimate.

D. 35% Design

Documents shall encompass the following:

- Definition of the facility sufficient to identify all major elements required, and the verification of feasibility of the design; and a list of permit requirements
- Definition of construction contract packaging
- Potholing to confirm existing facilities and utility search/confirmation, if needed
- Identification of borrow sources, materials balance diagram(s), transportation routes and materials handling, staging areas.
- Preliminary new structure elevations and section(s) of the elements being designed; excavation and excavation/shoring support methods if required; methods of groundwater

control if required, handling, and treatment; identification of any road and/or utility relocations

- Design criteria coordinated by the SFPUC
- Summary of design approach, and identification of design issues; outline of specifications
- Drawings, in conformance with SFPUC standards, a construction schedule; and an AACE Class 3 construction cost estimate. The 35% construction cost estimate will be used as a baseline estimate for monitoring design development impacts
- Updated constructability analysis and technical memorandum with construction schedule
- Updated risk register with recommendations for risk mitigation, as applicable
- Review of work products will be performed by SFPUC with possible consultation from a Technical Advisory Panel comprised of independent experts and/or Contractors

E. 65% Design

Documents shall encompass the following:

- Documents shall incorporate SFPUC and project team comments from 35% submittal;
- Integration of drawings and specifications with those produced by SFPUC design team, including appropriate drawing numbers, match lines, and cross referencing on all drawings
- A preliminary list of pre-purchased materials and equipment, if applicable
- Identification of permitting requirements for construction activities
- Updated technical specifications; contract plans/drawings; and bid item descriptions including method of payment to integrate with SFPUC standard descriptions
- An AACE class 2 construction cost estimate and construction schedule
- Updated constructability analysis and technical memorandum with construction schedule
- Updated risk registers with recommendations for risk mitigation, as applicable

F. 95% Design

Documents shall encompass the following:

- Documents shall incorporate SFPUC and project team comments from 65% submittal
- Incorporation of design interfaces and coordination issues relevant to designs performed by the SFPUC
- An AACE Class 1 construction cost estimate and construction schedule
- Completion of construction documents and packages for integration with contract plans/drawings and specifications produced by the SFPUC Design Team, in addition to assisting the SFPUC staff in preparation of Division 0 and 1 if required. The package shall be ready for stamping and signatures by the Engineer of Record and for review by SFPUC contract preparation staff
- Updated constructability analysis and technical memorandum with construction schedule
- Updated risk registers with recommendations for risk mitigation, as applicable
- Review of work products will be performed by SFPUC with possible consultation from a Technical Advisory Panel comprised of independent experts and/or Contractors

G. 100% Design

Documents shall include the following:

- Finalized, signed and wet stamped plans and specifications inclusive of all comments generated by SFPUC contract preparation staff, reflecting SFPUC and Project Team comments on 95% design documents, and final QA/QC audit
- An AACE Class 1 construction cost estimate, together with a construction schedule, including critical path activities
- Final constructability analysis and technical memorandum with construction schedule
- All final signed and wet stamped analysis results, design calculations and design reports including geotechnical reports, hydraulic analyses, surveys and other submittals as described within the scope of services
- Updated risk registers with recommendations for risk mitigation, as applicable
- Submit all necessary permit applications supporting documents to SFPUC for review and acceptance prior to sending to the appropriate agency as required
- Final Design Report consisting of project files including all plans, reports, correspondence, calculations, and other documents pertaining to the design. A fully collated, organized, indexed set of copies shall be transferred to the SFPUC within twenty (20) working days of the 100% design completion, including copies of documents

already passed to SFPUC during the assignment. All documents shall be fully checked and signed off in accordance with the Quality Assurance/Quality Control (QA/QC) procedures.

Contractor's final submittal must include one (1) bound copy and one (1) unbound copy of stamped reports; one (1) reproducible master set of the construction documents; fifteen (15) half sized drawings; one (1) vellum set; one (1) digital copy of the drawings in AutoCAD 2018, AutoCAD Civil 3D 2018, Revit 2017 and all other remaining documents; and final specifications in searchable PDF format.

All Contractor submittals must be compatible with SFPUC standards to allow easy entry into the SFPUC Document Control System.

The Contractor must stamp its drawings and specifications that form part of the bid and construction drawings.

H. Engineering Support during Environmental and Permitting

Provide engineering support services during the Environmental Phase of the projects, including attending site visits and/or meetings, responding to questions as directed by SFPUC, providing written responses to environmental team inquiries, and reviewing environmental deliverables.

I. Engineering Support during Bid & Award Phase

Provide engineering support services during the bidding period, including attending pre-bid conference, providing written responses to bidder's Questions on Bid Documents (QBD), preparing addenda to contract documents, and assisting SFPUC in the analysis and evaluation of bids.

J. Engineering Support during Construction and Close Out Phases

Provide engineering support during construction and close-out for the aforementioned projects, in a timely manner per SFPUC Infrastructure procedures, including: (1) Review and respond to Contractor's Submittals, Requests for Substitution (RFSs) and Requests for Information (RFIs); prepare scope of Proposed Change Orders (PCOs) and provide technical support with analysis of Contractor's Change Order Requests (CORs); (2) Attend coordination meetings at construction site; (3) Provide assistance during startup, testing and commissioning; (4) Provide AutoCAD 2018, AutoCAD Civil 3D 2018 record drawings.

Task E SOCIAL IMPACT PARTNERSHIP

1. Terms and Conditions.

- a. Contractor shall provide its Social Impact Partnership (SIP) Commitments (detailed in its SIP Proposal) during the term of the Agreement. The representations, warranties, and other terms contained in Contractor's SIP Proposal will be the basis for a SIP Plan, but are for the sole benefit of the

parties hereto and shall not be construed as conferring any rights on any other persons or entities.

- b. Providing SIP Commitments is a deliverable, zero-dollar task. Contractor may not allocate or include any hours or dollars in Contractor's costs for the services under the Agreement in order to perform or deliver the voluntarily proposed SIP Commitments. Contractor shall fund the SIP Commitments independently and such funding shall neither be tied to, nor dependent upon, SFPUC funds or sources of funding, receivable from SFPUC, including retention associated with the Agreement. This requirement of independent funding includes direct financial contributions and any funding related to the performance or delivery of the SIP Commitments. The provision of SIP Commitments does not entitle Contractor to additional work beyond the services specified within the Agreement.
- c. Contractor shall commence performance of the SIP Commitments promptly after issuance of the first Notice to Proceed (NTP) for the Agreement. SIP Commitments performed as part of previous contracts or prior to Contractor being awarded the Agreement cannot count towards Contractor's SIP Commitments for the Agreement. If Contractor has established programs or plans that are consistent with the SIP program areas described in the Request for Proposals (RFP), Contractor may continue those programs as part of its SIP Commitments and will be given credit for activities that are performed following the issuance of the first NTP by the SFPUC.
- d. Contractor's progress on delivering SIP Commitments must keep pace with Contractor's progress of work on the project. If the SFPUC's SIP Program team determines that Contractor's delivery of SIP Commitments is 10% or more behind its percentage of completion of project work, the SFPUC may withhold from subsequent payments owed to Contractor for its work on the project an amount equal to the value of the portion of SIP Commitments that Contractor should have delivered in order for its delivery of SIP Commitments to keep pace with Contractor's project work.
- e. During the term of the Agreement, if Contractor's delivery of SIP Commitments is 10% or more behind its percentage of completion of project work, the City, in its sole discretion, may deem Contractor in material breach of contract. The City's remedies for Contractor's breach may include, at City's sole discretion, but need not be limited to (1) revoke non-compliant Contractor's eligibility for SIP Commitment bonus points on future Covered Contracts; (2) assess liquidated damages; (3) withhold progress payments; (4) withhold release of retention; and/or (5) suspend or terminate the Covered Contract.
- f. If Contractor fails to complete its SIP Commitments, the SFPUC may withhold the value of the uncompleted SIP Commitments and deduct said amount from the sum the SFPUC owes to Contractor for performance of its work, which amount the SFPUC may reasonably determine in its sole discretion. If the SFPUC imposes actual or liquidated damages as a remedy against Contractor for non-compliance, the Controller shall withhold the damages assessed until such time as either Contractor has conceded to or

acquiesced in the assessment or, in the event of an appeal, there is a determination no longer subject to judicial review. The Controller shall then deposit the amount withheld into a special account which shall be created for the sole purpose of receiving such funds. The funds deposited into this account shall be distributed by the Controller in accordance with the original SIP Commitments and by the process set forth in the SFPUC Social Impact Partnership Rules and Regulations.

- g. If Contractor fails to perform any of its SIP Commitments, Contractor shall be liable for liquidated damages on the Agreement in an amount equal to 110% of the total value of unmet SIP Commitments as determined by the SFPUC in its sole discretion.
- h. In the event that fulfillment of SIP Commitments becomes impossible or impracticable, Contractor may request a modification to its SIP Commitments by documenting the impossibility or impracticability of proceeding with its existing SIP Commitments and proposing one or more alternatives subject to review and approval by the SFPUC as provided in the Covered Contract.
- i. If the SFPUC modifies or amends the Agreement with a resulting cumulative increase of the total value of the Agreement being 10% or more than its original value, Contractor shall propose an increase to its SIP Commitment. Such increase shall be (1) proportional to the increase in contract value under the amendment(s) or modification(s) and (2) consistent with San Francisco Administrative Code Section 21F.4, and not increase the costs for delivery of the SIP Commitments to the SFPUC.
- j. Contractor shall save, keep, hold harmless, and fully indemnify the City and any of its officers or employees from all damages, costs, or expenses in law or equity, or claims for same, that may at any time arise from performance of SIP Commitments. Contractor shall bear sole responsibility and liability, if any, for any breach of the SIP Program provisions of its Covered Contract or San Francisco Administrative Code Chapter 21F.

2. Project Team

Nathan Reeve shall serve as the Executive in Charge to manage Contractor's SIP Commitments and provide fiduciary oversight. The Executive in Charge shall ensure that the SIP Commitments listed in the Social Impact Partnership Commitments Table below are delivered to the communities that they are intended to benefit in a transparent and accountable manner. The Executive in Charge shall work with the SIP Coordinators, Dana Focardi, and Kat Martin, to organize, plan, track, measure, and report on Contractor's SIP Commitments.

3. SIP Commitments.

Contractor shall provide \$15,000 in direct financial contributions and 250 in volunteer hours. Contractor commits to a minimum total contribution of \$52,500 over the term of the Agreement as stated in Contractor's SIP Proposal and the Social Impact Partnership Commitments Table below.

Social Impact Partnership Commitments Table

	(A)	(B)	(C)	(D)	(F)
Social Impact Partnership Program Area	Direct Financial Contribution	Volunteer Hours	Volunteer Hourly Rate (rate is standardized and cannot be changed)	Total Value of Volunteer Hours (B x C)	Total Contributions (A + D)
Public Education	\$15,000	250	\$150/hr	\$37,500	\$52,500
TOTAL		4	\$150/hr	\$6,	\$9

4. Accountability and Deliverables.

Contractor shall provide a description of the accountability methods to ensure that the proposed SIP activities will be delivered in a transparent and accountable manner. Contractor shall provide reports and supporting documentation consistent with the reporting requirements detailed below to establish fulfillment of the SIP Commitments.

Contractor must provide the following deliverables during performance of the Agreement:

a. SIP Plan and Timeline.

Contractor must develop and submit to the SFPUC a SIP Work Plan and Timeline within 60 days of issuance of the Notice of Contract Award. For clarification Contractor may not begin performing the SIP Commitments before the SIP Plan is approved by SFPUC SIP Program team. The SIP Plan and Timeline must provide details regarding expenditures, a schedule, and timelines for executing Contractor's SIP Commitments.

b. SIP Commitments and Reporting.

- i. Contractor shall deliver the proposed SIP Commitments specified in the SIP Proposal and the SIP Work Plan. Any proposed changes to the SIP Commitments as set forth herein shall be submitted in writing for review by the SFPUC SIP Program team.
- ii. Contractor must submit SIP Commitment progress reports at least bi-annually during the term of the Agreement (including any revisions to the SIP work plan and associated timelines as necessary to ensure Contractor completes the measurable commitments during the term of the Agreement) to the SFPUC SIP Program team. The progress reports must identify activities and detail the quantifiable outcomes, key metrics, and the total number of volunteer hours and/or financial commitments performed during that period. As part of the biannual progress reports, Contractor must also submit required documentation

to substantiate that the SIP Commitments and any funds or volunteer hours associated therewith were delivered (a non-exhaustive, illustrative list of examples of substantiating documentation includes: timesheets, receipts, cancelled checks, sign-in sheets from events and trainings, formal agreement documents, agendas and presentations from meetings, and statements of activities). These reporting requirements may be adjusted by SFPUC over the duration of the program due to systems and program improvements.

- iii. Contractor shall submit the reports noted above and any other documentation requested by the SIP Program team so the SIP Program team can report on Contractor's progress to the SFPUC Commission, the public and all potentially interested stakeholders in a transparent, accessible and accountable manner. These reports and documentation shall be adequate to enable the SIP Program team, the SFPUC Commission, and all interested stakeholders to evaluate and measure the efficacy of Contractor's SIP Commitments. Contractor shall upon request publicly report all of the requested information to the SFPUC Commission, the public and any interested stakeholders or decision-makers regarding the results of Contractor's SIP Commitments.
- iv. Contractor shall also submit a stand-alone annual newsletter to the SFPUC SIP Program team documenting the highlights of the SIP Commitments and outcomes for the year.

5. Statements of Understanding.

Contractor acknowledges that they agree with the following statements:

- a. Contractor is bound by all instructions in the RFP for the SIP Proposal.
- b. Contractor's SIP Commitments must directly benefit the communities, neighborhoods, and/or residents served by or impacted by the SFPUC.
- c. SIP Commitments must provide support by monetary donations or services to or through Beneficiaries (as that term is defined in Administrative Code Section 21F.2 as follows: "Beneficiary" means an organization that is eligible to receive a Social Impact Commitment. A Beneficiary may be: (1) a nonprofit corporation that has established and maintains valid nonprofit status under Internal Revenue Code Section 501(c)(3), as amended, and all rules and regulations promulgated under that section; (2) an organization that has a fiscal agent that is a nonprofit corporation that has established and maintains valid nonprofit status under Internal Revenue Code section 501(c)(3), as amended, and all rules and regulations promulgated under said section and which provides that organization with fiduciary oversight, financial management, and administrative services related to its operation; or (3) a public school, which may include a public school district, County Office of Education, and/or a public college or university. The following are not eligible Beneficiaries: any (1) City department, office, board, commission, or other entity, or (2) City official or employee or Relative of a City official or employee, unless the resulting benefit is incidental to and not unique to the

City official or employee or Relative, but rather benefits the general public or a particular community that is the focus or target of the Social Impact Commitment. or (3) entity subject to an order of debarment or suspension under San Francisco Administrative Code Chapter 28. A Beneficiary must be independent of the Contractor and its subcontractor(s) (at any tier) and their respective officers and employees. No Contractor or subcontractor officer or employee or Relative of an officer or employee may own, control, or manage a Beneficiary.

- d. SIP Commitments shall not go to, nor benefit, any City department or employee.
- e. SIP Commitments are separate from and in addition to any regulatory or legal requirements related to the Agreement.
- f. Contractor must deliver its SIP Commitments at no cost to the SFPUC.
- g. Contractor is contractually obligated to deliver the total commitment amount listed in the Social Impact Partnership Commitments Table in the Agreement.
- h. Only activities commenced after the first NCA for the Agreement is issued and approval of the SIP Work Plan by SFPUC SIP Program team will count towards the fulfillment of Contractor's SIP Commitments.
- i. Contractor is obligated to comply with SFPUC's SIP Commitments reporting requirements.
- j. Contractor is obligated to comply with the terms and conditions set forth in this section and in the Agreement.

Contractor shall provide all of the SIP Commitments, consistent with all of the terms of Contractor's SIP Proposal dated August 31, 2023, which is incorporated herein by this reference. Should there be any conflicts or discrepancies between the language in this section and Contractor's SIP Proposal, the terms of the language of this section shall prevail as Contractor and SFPUC's final mutual understanding and agreement.

2. Services Provided by Attorneys. Any services to be provided by a law firm or attorney must be reviewed and approved in writing in advance by the City Attorney. No invoices for services provided by law firms or attorneys, including, without limitation, as subcontractors of Contractor, will be paid unless the provider received advance written approval from the City Attorney.

3 Department Liaison. In performing the Services provided for in the Agreement, Contractor's liaison with the SFPUC will be Garrett Low.

4. Task Orders. Performance of the service under this Agreement will be executed according to a task order process, and Contractor is required to provide adequate quality control processes and deliverables in conformance with the technical requirements of the task order. The SFPUC Project Manager will initially identify tasks and request the contractor to propose a project scope, sub tasks, staffing plan, LBE utilization, schedule, deliverables, budget and costs to complete the task in accordance with Appendix B. All costs associated with the development of the scope of work for each task order shall be borne by Contractor. A final task order will be negotiated between the SFPUC Project Manager and the Contractor and then submitted to the SFPUC Bureau Manager for approval. However, as provided in the RFP, the budget, if

applicable, identified for tasks is an estimate, and the City reserves the right to modify the applicable budget allocated to any task as more specific information concerning the task order scope becomes available.

The task order request will be processed for Controller certification of funding, after which a “Notice to Proceed” will be issued. The Contractor is hereby notified that work cannot commence until the Contractor receives a written Notice to Proceed in accordance with the San Francisco Administrative Code. ***Any work performed without a Notice to Proceed will be at the Contractor’s own commercial risk.*** The calculations of costs and methods of compensation for all task orders under this Agreement shall be in accordance with Appendix B.

5. Reports. Contractor shall submit reports as requested by the SFPUC. Format for the content of such reports shall be determined by the SFPUC. The timely submission of all reports is a necessary and material term and condition of this Agreement. Written reports, including any copies, shall be submitted on recycled paper and printed on double-sided pages to the maximum extent possible.

6. Performance Evaluation. Performance evaluations support the SFPUC’s objective of continuously improving the quality of Contractor services. The SFPUC may or may not, at its sole discretion, conduct evaluation/s of Contractor's performance. Ratings are ultimately the decision of the SFPUC and are not subject to negotiation with the Contractor. However, the Contractor may provide comments on a performance evaluation form if an evaluation is performed. In the event that the SFPUC conducts performance evaluation(s) of the Contractor, such performance evaluation(s) shall not confer any express or implied rights upon Contractor, nor shall they shift any liability to the SFPUC for the Contractor's performance of the contract.

7. Standard of Care for Design Professionals. Contractor acknowledges and agrees that Contractor shall perform its services under this Agreement in accordance with the professional standard of care applicable to professionals providing similar services for projects of similar type, size and complexity in the San Francisco Bay Area.

Appendix B Calculation of Charges

As part of Contractor's proposal dated August 31, 2023, Contractor submitted proposed billing rates, attached hereto as Appendix B-1, Fee Schedule, for the requested tasks identified in Appendix A, Scope of Services, which are incorporated herein by this reference.

As provided in the Fee Schedule, the budget identified for tasks is an estimate, and the City reserves the right to modify the budget allocated, if applicable, to any task as more specific information concerning the task order scope becomes available.

No invoices for Services provided by law firms or attorneys, including, without limitation, as subcontractors of Contractor, will be paid unless the provider received advance written approval from the City Attorney.

1. Billing Rates. Contractor's billing rates and each and every staff classification as stated in Appendix B-1 will be the billing rates for the listed individuals. The billing rate may not exceed the lowest rate charged to any other governmental entity except the City and County of San Francisco. Billing rates may be adjusted annually. The first adjustment may be made no earlier than the release of the January Consumer Price Index (CPI) increase published in the first calendar year following the proposal due date of August 31, 2023. The amount of the adjustment is limited to a maximum of the CPI annual percentage change increase (San Francisco Bay Area for Urban Wage Earners and Clerical Workers) for the previous calendar year. No increase, including the annual CPI adjustment, is allowed to billing rates exceeding \$270 per hour for staff, and \$300 per hour for Contract Manager and Lead Team Members, unless SFPUC Contract Manager and Bureau Manager authorize an increase to the rate in writing.

2. Personnel Changes. Any proposed changes to project personnel or staff classification as listed in Appendix B-1 must be approved in advance of any work commencing on the project and in writing by the SFPUC Contract Manager. These personnel changes may include but are not limited to:

- A. Proposed addition of new project personnel to perform requested services that are within the scope of the Agreement;
- B. Proposed change of staff classification for existing personnel; and/or
- C. Proposed replacement or substitution of any employee listed in Appendix B-1 due to termination, promotion or reclassification.

All proposed personnel must meet all qualification requirements established by the Agreement.

3. Effective Overhead and Profit Rate. The Effective Overhead and Profit Rate (EOPR) for PRO.0163(R) is **2.91**. The EOPR or Individual Firm Overhead and Profit Rate will apply to the billing rate of all individuals not listed in Appendix B-1. The EOPR will also apply to all amendments to the Agreement. If a new subcontractor is added during the duration of the Agreement, the new individual firm multiplier can be no more than the EOPR.

4. Other Direct Costs. Direct reimbursable expenses (or other direct costs, “ODC”) shall include actual direct costs (with no markup) of expenses directly incurred in performing the work. All ODCs are subject to pre-approval in writing by the SFPUC Contract Manager.

A. The following items will be eligible for reimbursement as ODCs:

1. Out-of-town travel (“out-of-town” shall mean outside the nine Bay Area counties: San Francisco, Alameda, Marin, Santa Clara, Sonoma, Contra Costa, Napa, San Mateo, Solano);
2. Out- of town meal, travel and lodging expenses for project-related business trips, including, but not limited to:
 - Rental vehicle: traveler must select the most economical contractor and type of vehicle available and acquire any commercial rate or government discount available when the vehicle is rented;
 - Personal vehicle use: Contractor will be paid per mile as established by the United State Internal Revenue Service and only for that portion of travel that is outside the nine Bay Area counties and non-routine. Should the travel begin or end on a normal workday, the Contractor shall subtract commuting mileage from total mileage to calculate reimbursable mileage. The Contractor shall submit to the City an approved mileage log with its monthly invoices;
 - Meal and lodging expenses shall be reasonable and actual but limited to Federal government per diem rates;
- Specialty printing (“specialty” as used herein shall mean large volume printing and color printing and requires prior written approval by SFPUC project staff and documentation of the written approval by the SFPUC must be included with the invoice);
- Specialty computer hardware and software (only with prior written approval by SFPUC project staff and documentation of the written approval by the SFPUC must be included with the invoice – all hardware and software will be the property of the City);
- Courier services that are project related and originated from the project site offices;
- Permit fees;
- Expedited courier services when requested by SFPUC staff; and
- Safety equipment.

B. Anything not listed above is not eligible for reimbursement. They include, but are not limited to:

- All other travel expenses such as parking, bridge tolls, public transit, vehicle mileage within the nine Bay Area Counties, travel from Contractor's home office to SFPUC facilities;
- Contractor personnel relocation costs;
- Any home or regional office labor charges or pass-throughs, including but not limited to, administrative and clerical personnel time;
- Personnel relocation and temporary assignment expenses;
- Entertainment expenses;
- Cell phones;
- Home office expenses;
- Telephone calls and faxes originating in the firm's home office, standard computer use charges, computer hardware or software computer hardware or software (other than the specialty hardware or software mentioned above), communication devices, and electronic equipment;
- Meal expenses which are not related to project-related business trips, including refreshments and working lunches with SFPUC staff;
- Equipment to be used by SFPUC staff; and
- Postage and courier services which are not requested by SFPUC staff.

5. Subcontractor make-up and documentation. Second-tier and pass-through subcontracting is prohibited. Additional subcontractors may be added to the contractor team after obtaining pre-authorization by the SFPUC Project Manager, Bureau/Division Manager and the Contract Monitoring Division (CMD).

6. Subcontractor Fees:

- Subject to the restrictions in this Section 4;
- Shall be subject to written pre-approval by the Contractor's liaison with the SFPUC;
- Subcontractor administration markup is limited to five percent (5%) of subcontractors' actual labor costs.

7. Retention. Five percent (5%) of each invoice payment will be withheld for each task order. When the work for the task order or defined critical milestones has been completed to the

satisfaction of the SFPUC Project Manager and all work products have been received and approved by the SFPUC Project Manager, the Contractor may request that the retention be released. In lieu of money retention, an irrevocable letter of credit acceptable to the City will be accepted.

8. Invoice Requirements. As part of its contracting obligations, the Contractor is required to utilize the City's approved invoicing and time-keeping systems, as specified by the SFPUC project team, for the purposes for which they are intended. Contractor shall not bill the SFPUC to use these systems. Contractor shall not charge SFPUC to send appropriate personnel to user training.

Contractor shall follow the invoicing and supporting documentation instructions as prescribed by the SFPUC.

Invoice Supporting Documentation:

All labor hours must be substantiated by timesheet summaries extracted from the Contractor's accounting system. Each timesheet summary shall include the staff person's name, company, dates of the days worked, and the number of hours worked each day.

Mileage ODCs must be accompanied by mileage logs providing the beginning and ending mileage to substantiate the variable portal-to-portal distance and local driving required while performing the work. All other ODCs must be substantiated with copies of original receipts including a brief description for each receipt memorializing the purpose.

CMD Form 7 "Progress Payment Form" must be included with each invoice to identify the participation and amount payable to the subcontractors.

CMD Form 9 "Payment Affidavit" must be submitted within ten (10) days of receiving payment for each invoice to document the subcontractor's payment by the prime contractor.

No invoices for Services provided by law firms or attorneys, including, without limitation, as subcontractors of Contractor, will be paid unless the provider received advance written approval from the City Attorney.

Appendix B-1
Fee Schedule

Fee Schedule for PUC.PRO.0163(R): Engineering Services for the Emergency Firefighting Water System and City's Water
LEE + RO and AGS Joint Venture

OVERHEAD AND PROFIT SCHEDULE

(All Proposers to complete)

Firms [A]	Staff Classification/Title [B]	Name of Proposed Staff Person (First Name, Last Name) [C]		Base Rate (\$/hour) [D]	Firm's Overhead and Profit Rate (OPR, or "multiplier") [E]	Billing Rate (\$/hour, not to exceed \$300/hour/CM and Leads) (\$270/hour/staff) [F]=[D]x[E]	Estimated Participation per CMD Form 2 or 2A (% of Contract) [G]	Contribution to Effective Overhead and Profit Rate [H]=[G]x[E]
LEE + RO, Inc	Managing Engineer	Tony	Park	\$ 96.67	3.00	\$290.00	47%	1.42
	Managing Engineer	Charles	Ro	\$ 96.67		\$270.00		
	Managing Engineer	Dhiru	Patel	\$ 96.67		\$270.00		
	Managing Engineer	Rick	Liskow	\$ 96.67		\$270.00		
	Managing Engineer	Kevin	Saleh	\$ 96.67		\$270.00		
	Managing Engineer	Eric	Lovering	\$ 96.67		\$290.00		
	Managing Engineer	Amritendu	Maji	\$ 96.67		\$270.00		
	Managing Engineer	Ken	Creager	\$ 96.67		\$270.00		
	Managing Engineer	Sal	Calderon	\$ 96.67		\$270.00		
	Supervising Engineer	Jay	Jung	\$ 86.67		\$260.00		
	Supervising Engineer	Michael	Assadourian	\$ 86.67		\$260.00		
	Supervising Engineer	Eric	Magee	\$ 86.67		\$260.00		
	Supervising Engineer	Alice	Maupin	\$ 86.67		\$260.00		
	Supervising Engineer	James	Gingrich	\$ 86.67		\$260.00		
	Principal Engineer	Rick	Furnace	\$ 76.67		\$230.00		
	Principal Engineer	John	Young	\$ 76.67		\$230.00		
	Principal Engineer	Murthy	Kadiyala	\$ 76.67		\$230.00		
	Principal Engineer	Sam	Lee	\$ 76.67		\$230.00		
	Principal Engineer	Shiv	Murti	\$ 76.67		\$230.00		
	Senior Engineer	Cesar	Golo	\$ 65.00		\$195.00		
	Senior Engineer	Ryan	Uyakawa	\$ 65.00		\$195.00		
	Senior Engineer	Tuan	Nguyen	\$ 65.00		\$195.00		
	Engineer	Ramesh	Bachuvalla	\$ 60.00		\$180.00		
	Engineer	Adam	Betsworth	\$ 60.00		\$180.00		
	Engineer	Boyana	Angelova	\$ 60.00		\$180.00		
	Engineer	Roman	Silvestre	\$ 60.00		\$180.00		
	Engineer	Jordan	Lim	\$ 60.00		\$180.00		
	Engineer	Nathan	Reeve	\$ 60.00		\$180.00		
	Engineer	David	Grossman	\$ 60.00		\$180.00		
	Principal Designer	Hector	Robledo	\$ 71.67		\$215.00		
	Associate Engineer	Lee	Faraca	\$ 54.00		\$162.00		
	Assistant Engineer	Kenny	Lim	\$ 40.00		\$120.00		
Assistant Engineer	Brandon	Edoria	\$ 40.00	\$120.00				
Senior Principal Engineer	Kenneth	Little	\$ 112.00	\$300.00				
Principal Civil Principal Engineer	Erik	Scheller	\$ 86.00	\$258.00				

AGS, Inc.	Senior Civil Engineer	Stefan	Hoffmeister	\$	80.50	3.00	\$241.50	32%	0.95
	Project Civil Engineer	Pavel	Guevarra	\$	65.50		\$196.50		
	Senior Staff Engineer	Michael	Ngo	\$	49.00		\$147.00		
	CADD Specialist	Arlo	Kirschner	\$	42.00		\$126.00		
	Senior Principal Engineer	Bahram	Khamanehpour	\$	112.00		\$300.00		
	Senior Principal Geotechnical Engineer	Kamran	Ghiassi	\$	99.00		\$297.00		
	Principal Geotechnical Engineer	Keyvan	Fotoohi	\$	87.00		\$261.00		
	Senior Geotechnical Engineer	Steve	Tsang	\$	84.00		\$252.00		
	Principal Geologist	Richard	Harlan	\$	87.00		\$261.00		
	Senior Staff Geologist	Chloe	Gednov-Sutkows	\$	48.27		\$144.81		
	Senior Staff Geologist	Adelis	Makhankova	\$	40.87		\$122.61		
	Staff Geologist	Mia	Pique	\$	38.47		\$115.41		
	Construction Manager	Jim	Herrenbruck	\$	85.00		\$255.00		
	Assistant Project Controls Manager	Anthony	Simas	\$	58.00		\$174.00		
	Principal Structural Engineer	Armin	Masroor	\$	80.00		\$240.00		
	Senior Structural Engineer	Babak	Mamaqani	\$	75.00		\$225.00		
Principal Structural Engineer	Omid	Tavangar	\$	90.00	\$270.00				
CHS Consulting Group	Senior Traffic Engineer	Roxannabelle	Perfecto	\$	59.42	3.20	\$190.14	1%	0.03
	Associate Traffic Engineer	Sawan	Dhaliwal	\$	50.48		\$161.54		
Delve Underground	Tunnel Engineering Lead/Principal	Renee	Fippin	\$	114.38	3.00	\$300.00	3%	0.09
	Principal	Glenn	Boyce	\$	119.45		\$270.00		
	Principal	Rachel	Martin	\$	121.64		\$270.00		
	Principal	Troy	Page	\$	120.25		\$270.00		
	Senior Associate	Shawn	Spreng	\$	93.05		\$270.00		
	Lead Associate	Myra	Au	\$	81.71		\$245.13		
	Senior Project Engineer	Eddie	Birnbaum	\$	67.50		\$202.50		
	Project Engineer	Su	Soe	\$	52.80		\$158.40		
	Senior Staff Engineer	Ashim	Gajurel	\$	43.59		\$130.77		
	Staff Engineer	Sarah	Mills	\$	37.50		\$112.50		
Exaro	Principal	Jose	Dominguez	\$	72.00	2.80	\$208.80	1%	0.03
	Project Manager	Mario	Lopez	\$	72.00		\$208.80		
	Project Coordinator	Arthur	Servin	\$	42.78		\$124.06		
	Lead Foreman	Yogendra	Singh	\$	77.76		\$225.50		
	Foreman	Juan Carlos	Leon	\$	68.44		\$198.48		
	Foreman	Candido	Gomez	\$	68.44		\$198.48		
	Foreman	Christopher	Dancel	\$	68.44		\$198.48		
	Technician	Eduardo	Rico	\$	64.81		\$187.95		
	Technician	Noel Reales	Gonzalez	\$	64.81		\$187.95		
	Technician	Max	Herrera	\$	64.81		\$187.95		
M Lee Corporation	Chief Estimator	Martin	Lee	\$	96.50	2.51	\$242.22	4%	0.10
	Senior Estimator I	Franklin	Lee	\$	80.00		\$200.80		
Meridian Survey	Licensed Engineer / Surveyor	Stanley	Gray	\$	86.00	2.80	\$240.80	2%	0.06
	Project Manager	Nathan	Foley	\$	70.00		\$196.00		
	Surveyor	Emily	Thomas	\$	50.00		\$140.00		
	Surveyor	Eli	Blond	\$	42.00		\$117.60		
	Junior Engineer / Surveyor	Aaron	Jean	\$	39.00		\$109.20		
	Junior Engineer / Surveyor	David	Champan	\$	39.00		\$109.20		
	Technician/CAD Operator	Oliver	Anderson	\$	27.50		\$77.00		

	Field Chief (Prevailing Wage)	Varies	Varies	\$ 76.67		\$214.68		
	Field Rodman (Prevailing Wage)	Varies	Varies	\$ 74.66		\$209.05		
RES Engineers	Principal Engineer	Ross	Esfandiari	\$ 87.50	2.84	\$248.50	2%	0.06
	Field Supervisor	Heath	Vester	\$ 59.00		\$167.56		
	Special Inspector	Zainuddin	Saddiqi	\$ 56.27		\$159.81		
	Special Inspector	Adrian	Emerson	\$ 56.27		\$159.81		
Towill, Inc.	Principal Land Surveyor	John	May	\$ 76.92	3.20	\$246.14	1%	0.03
	Principal Land Surveyor	Frank	Borges	\$ 76.92		\$246.14		
	Geomatics Project Manager	Lorraine	Amenda	\$ 66.00		\$211.20		
V&A Consulting Engineers, Inc.	Principal-in-Charge	Glenn	Willson, PE	\$ 87.64	3.20	\$280.46	1%	0.03
	Project Manager	Alejandro Caicedo	Ramirez, PE, Ph	\$ 54.69		\$175.00		
Charles Scawthorn	Principal Engineer	Charles	Scawthorn	\$ 250.00	1.00	\$250.00	2%	0.02
Scott Foster Engineering	Principal Engineer	R Scott	Foster	\$ 85.00	2.80	\$238.00	1%	0.03
Tom O'Rourke	Principal Engineer	Tom	O'Rourke	\$ 300.00	1.00	\$300.00	1%	0.01
Joe Hill Consulting & Engineering Corporation	Principal Engineer	Joe	Hill	\$ 95.00	2.90	\$270.00	2%	0.06
	Hydraulics Consultant	Robert	Davis	\$ 103.38		\$270.00		
	Engineering Consultant	Roland	Bueno	\$ 105.00		\$270.00		
	Water Operations Consultant	Leland	Fong	\$ 99.46		\$270.00		
	Engineering Consultant	Greg	Yim	\$ 100.28		\$270.00		
	Project Engineer	Grace	Samish	\$ 65.00		\$188.50		
Effective Project Overhead & Profit Rate (EOPR):							2.91	
Maximum Allowable Effective Project Multiplier = 3.20								

From: [The Civil Service Commission](#)
To: [Kyger, Todd](#); [Wong, Johanna I](#); [Teer, Shawn W](#); [Hale, Shawndrea \(PRT\)](#); [Gronlund, Nathan E](#); [Ng, Carman](#); [Lee, Tedman C](#); [Mejia Rocha, Olga](#)
Subject: PUC [DHRPSC0006067] was approved by CSC on 2026-04-06
Date: Tuesday, April 7, 2026 10:53:39 AM
Attachments: [image](#)
[image](#)

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NOTICE OF CIVIL SERVICE COMMISSION ACTION

Hello Olga Mejia-Rocha,

At its meeting on **2026-04-06 14:00:00 PDT**, the Civil Service Commission had for its consideration the PUC PSC [DHRPSC0006067].

The Civil Service Commission, APPROVED PSC [DHRPSC0006067] on 2026-04-06.

CSC Approval Type: Approval Granted

Relevant Comments:

If this matter is subject to Code of Civil Procedure (CCP) Section 1094.5, the time within which judicial review must be sought is set forth in CCP Section 1094.

NOTE: It is important that a copy of this action be kept in the department files as you will need it in the future as proof of Civil Service Commission approval. Please share it with everyone responsible for follow-up.

CIVIL SERVICE COMMISSION

Sandra Eng | Executive Officer

PSC Summary

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Record Number: DHRPSC0006067 v 2.0

Description of Proposed Work: PRO.0163R Engineering Services for the Emergency Firefighting Water System and City's Water Distribution System

Request Type: Amendment

Reason for the Request for Amendment: This amendment is being requested to increase contract capacity to accommodate changes that were identified during engineering planning and design including a higher level of seismic service, alignment changes to improve system robustness, unforeseen geotechnical complexities, and market conditions.

Approval Type: CSC Approval

CSC Review Reason(s):

CSC Approval by Amount

Submitting Department: PUC

Dept PSC Coordinator: Olga Mejia-Rocha

Dept PSC Coordinator Email: OMejiaRocha@sfgwater.org

Dept PSC Coordinator Phone: +1 (415) 558-4331

DHR Admin/Reviewer: Suzanne Choi

CSC Admin/Reviewer: Elizabeth Aldana

First Contract Start Date: 2024-06-28

Previously Approved Amount: \$8,000,000.00

Increase Amount: \$5,000,000.00

Total Amended Amount: \$13,000,000.00

Previously Approved Duration (Months): 108

Duration Increase (Months): 0

Total Amended Duration (Months): 108

Funding Source(s): City Funds

Scope of Work: Emergency Firefighting Water System (EFWS), historically referred to as the Auxiliary Water Supply System (AWSS), is an independent high pressure water supply system dedicated to fire protection. It was installed in 1913 in response to the Great Earthquake and Fire of 1906 and consists of a 135-mile-long pipeline network, a high elevation reservoir with two large capacity tanks, two pumping stations, three fireboats and underground water storage tanks (cisterns). The selected Consultant will work under the direction of the SFPUC to provide planning and engineering design services for the EFWS and City's Water Distribution System pipelines. Some assignments may require SFPUC engineering staff to be integrated into the consultant project team. The Consultant's work objective will be to perform planning and engineering design services applying all applicable codes and SFPUC Procedures and regulatory requirements/guidelines administered by the State Water Resources Control Board, Division of Drinking Water. Projects are expected to pertain to pipelines, pump stations and fireboat manifold systems.

Job Class(es): 5241 - Engineer, 5211 - Eng/Arch/Landscape Arch Sr, 5212 - Engineer/Architect Principal

PSC Justification(s)

=====

Services required on an as-needed, intermittent, or periodic basis

Services requiring specialized expertise, knowledge experience

[Take me to the PSC Record](#)

Ref:TIS6576612_v9QMjvmS6wU3IJDt5OZv

PUBLIC UTILITIES COMMISSION

City and County of San Francisco

RESOLUTION NO. 24-0025

WHEREAS, The San Francisco Public Utilities Commission (SFPUC) requires the services of qualified firms to provide specialized engineering design services to support projects in the Water Enterprise Local Water System Capital Improvement Program (Local Water CIP) related to the Local Water Conveyance/Distribution System Program, also known as the Linear Asset Management Program, and the Emergency Firefighting Water System, to supplement SFPUC staff; and

WHEREAS, The estimated cost of the services is \$8,000,000; and

WHEREAS, SFPUC advertised a Request for Proposals for engineering services for the Emergency Firefighting Water System and City's Water Distribution System on July 11, 2023; and

WHEREAS, Staff anticipates that services will begin in March 1, 2024 and end in February 28, 2032, with a contract duration of eight years; and

WHEREAS, SFPUC and Contract Monitoring Division (CMD) staff, upon review of the proposal score, determined that Lee + RO, Inc. and AGS, Inc. Joint Venture (Lee+RO/AGS, JV) is qualified to perform the services and met the established scoring criteria; and

WHEREAS, The CMD established a 10% Local Business Enterprise (LBE) subconsultant participation requirement for this contract and Lee+RO/AGS, JV committed to an LBE subconsultant participation of 10%; and

WHEREAS, Award of this professional services contract does not fall within the definition of a project under California Environmental Quality Act (CEQA) Guidelines section 15378 because work under the contract will consist of planning, engineering design and support services only, and engineering support during construction, start-up and closeout services will not be initiated under this contract until CEQA review is complete and until this Commission has reviewed and considered the CEQA determination and has approved the project(s), and approval of individual task orders under this contract for activities such as geotechnical and subsurface field investigations would require compliance with CEQA prior to initiation of ground-disturbing activities; and

WHEREAS, Award of this professional services contract is not an approval of any proposed project and SFPUC retains discretion to, among other things, modify the proposed project(s) to mitigate significant environmental impacts, require the implementation of specific measures to mitigate any significant environmental impacts of the project(s), or reject the project(s), following completion of environmental review; and

WHEREAS, Funds for Contract No. PRO.0163(R), Engineering Services for the Emergency Firefighting Water System and City's Water Distribution System, will be available at the time of individual task order awards from individual projects within the Water Enterprise Local Water Conveyance/Distribution System Program and/or the Earthquake Safety and Emergency Response General Obligation bonds; now, therefore, be it

RESOLVED, That this Commission hereby awards Contract No. PRO.0163(R), Engineering Services for the Emergency Firefighting Water System and City's Water Distribution System, to provide engineering design and support services for the Local Water

Conveyance/Distribution System Program and the Emergency Firefighting Water System to Lee+RO/AGS, JV, for an amount not-to-exceed \$8,000,000, with a duration of eight years.

I hereby certify that the foregoing resolution was adopted by the Public Utilities Commission at its meeting of February 13, 2024.


Secretary, Public Utilities Commission

PUBLIC UTILITIES COMMISSION

City and County of San Francisco

RESOLUTION NO. 26-0058

WHEREAS, The San Francisco Public Utilities Commission (SFPUC) requires the services of qualified firms to provide specialized engineering design services to support projects in the Water Enterprise Local Water System Capital Improvement Program (Local Water CIP) related to the Local Water Conveyance/Distribution System Program, also known as the Linear Asset Management Program, and the Emergency Firefighting Water System, to supplement SFPUC staff; and

WHEREAS, On February 13, 2024, by Resolution No. 24-0025, this Commission awarded Contract No. PRO.0163(R), Engineering Services for the Emergency Firefighting Water System and City's Water Distribution System, for an amount not-to-exceed \$8,000,000 and with a duration of eight years, to Lee+Ro and AGS Joint Venture; and

WHEREAS, Staff recommends that this Commission approve Amendment No. 1 to Contract No. PRO.0163(R), Engineering Services for the Emergency Firefighting Water System and City's Water Distribution System, to increase the contract amount by \$5,000,000, to provide additional engineering design and support for pipeline improvement projects funded by the Water Enterprise Capital Improvement Program, for a total not-to-exceed contract amount of \$13,000,000, with no change to the contract duration; and

WHEREAS, The Contract Monitoring Division (CMD) established a 10% Local Business Enterprise (LBE) subconsultant participation requirement for this contract. Lee+Ro and AGS Joint Venture committed to an LBE subconsultant participation of 10% in their proposal, and this amount remains unchanged; and

WHEREAS, Funds will be available at the time of individual task order awards from individual projects within the Water Enterprise Local Water Conveyance/Distribution System Program and/or the Earthquake Safety and Emergency Response General Obligation bonds; and

WHEREAS, This action does not constitute a project under the California Environmental Quality Act (CEQA) Guidelines Section 15378 because work will consist of engineering design and support services only, and no support services during construction and closeout will be initiated until any necessary environmental review has been completed as required by the CEQA and this Commission has reviewed and considered the CEQA determination and approved the projects; and

WHEREAS, Staff will not authorize design support services involving ground disturbance (such as geotechnical investigations) or any other physical changes in the

environment until any necessary environmental review has been completed as required by the CEQA; now, therefore, be it,

RESOLVED, That this Commission hereby approves Amendment No. 1 to Contract No. PRO.0163(R), Engineering Services for the Emergency Firefighting Water System and City's Water Distribution System (Rebid), with Lee+Ro and AGS Joint Venture, increasing the contract amount by \$5,000,000, for a total not-to-exceed contract amount of \$13,000,000, with no change to the contract duration of eight years, subject to the Board of Supervisors approval pursuant to Charter Section 9.118.

I hereby certify that the foregoing resolution was adopted by the San Francisco Public Utilities Commission at its meeting of April 14, 2026.



Director of Commission Affairs
San Francisco Public Utilities Commission



San Francisco Ethics Commission

25 Van Ness Avenue, Suite 220, San Francisco, CA 94102

Phone: 415.252.3100 · Fax: 415.252.3112

Filing Information

Record Number

SFEC126F0001348

Status

BOS Legislative Clerk Acceptance

SFEC126f Form Type

126f4 BOS

File Number (BOS)

260443

Type of Filing

Original

Contractor Information

Contractor Name

LEE & RO

Contractor Email

tony.park@lee-ro.com

Contractor Phone #

(925) 627-3382

International Address?

No

Contractor Address (US)

1515 Oakland Blvd. #240

Contractor City and State

Walnut Creek - CA

Contractor Zip Code

94596

Country

United States of America

Contract Information

Contract Amount

\$13,000,000.00

Contract Description

The scope of this contract is provide engineering design services related to the Emergency Firefighting Water system (EFWS) and the city's Water Distribution System.

City Agency - Departmental Contact Information

Departmental Contact

Tedman Lee

Departmental Contact Phone

(415) 551-4863

Full Department Name

HHP - Hetch Hetchy *(PUC)

Contract Approval

Mayoral Approval Not Required

false

Affiliates and subcontractors

Entity Type	First Name	Last Name	Entity or Sub/Contractor Name
CEO	Dhiru	Patel	LEE + RO
Other Principal Officer	Charles	Ro	LEE + RO
Board of Directors	Rick	Liskow	LEE + RO



FROM: Jennifer Oliveros Reyes, Policy and Government Affairs

DATE: April 24, 2026

**SUBJECT: Agreement Amendment – LEE + RO and AGS Joint Venture
– Emergency Firefighting Water System and City’s Water
Distribution System - Not to Exceed \$13,000,000**

Please see attached a proposed Resolution approving authorizing and the General Manager of the San Francisco Public Utilities Commission to execute Amendment No. 1 to Contract No. PRO.0163(R), Engineering Services for the Emergency Firefighting Water System and City’s Water Distribution System, with LEE + RO and AGS Joint Venture, increasing the contract amount by \$5,000,000, for a total not-to-exceed contract amount of \$13,000,000, with no change to the contract duration of June 28, 2024 through June 27, 2032, to provide additional engineering design and support for pipeline improvement projects, pursuant to Section 9.118 of the San Francisco Charter.

The following is a list of accompanying documents:

- Proposed Resolution (Word Doc Version)
- Executed Agreement
- Draft Amendment
- PCS Approval
- SFPUC Resolution No. 26-0058
- SFPUC Resolution No. 24-0025
- Form 126

Please contact Jennifer Oliveros Reyes at joliverosreyes@sflower.org if you need any additional information on these items.

Daniel Lurie
Mayor

Joshua Arce
President

Stephen E. Leveroni
Vice President

Avni Jamdar
Commissioner

Meghan Thurlow
Commissioner

Kate H. Stacy
Commissioner

Dennis J. Herrera
General Manager

